

SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0191-USA

<150> US 60/211,230

<151> 2000-06-12

<160> 1209

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tgtgaatggt ggaccccaaa tgatnatgac cacaccgcaa aaaattgccca nttcaagaag	180
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ccagaaatgc tngactnct nntactagt tccaccanta ctctctctat tcttctncc 180
actantacta ctaatnctga ggatataagg aaaact 216

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<211> 125
<212> DNA
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<400> 5
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aaaaa 125

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ccataaaaaa aaaa 134

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<211> 125
<212> DNA
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aaaaa 125

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 <212> DNA
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<400> 10
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aaaaaaaa 128

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aaaaa 125

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<223> n = A,T,C or G

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tctggtgtga tntgaatgaa aatatatctt gt 152

<210> 17
<211> 151
<212> DNA
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<400> 17
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 <222> (1)...(121)
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 a 121

<210> 19
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 19
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<210> 20
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<400> 21
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<210> 22
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 <212> DNA
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<400> 22
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 aaaaaa 126

<210> 23
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 <212> DNA
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<212> DNA
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<220>
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<220>
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<223> n = A,T,C or G

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aactgtatcc tgacca                                         136

<210> 28
<211> 128
<212> DNA
<213> Mus musculus

<400> 28
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<210> 30
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<400> 30
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actgtatcct gacca 135

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<400> 31
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<212> DNA
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<400> 32
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<210> 33
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<212> DNA
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<400> 33
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aaaaaa 126

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<220>
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<222> (1)...(116)
<223> n = A,T,C or G

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<210> 35
<211> 120
<212> DNA
<213> Mus musculus

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<400> 35
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 <222> (1)...(123)
 <223> n = A,T,C or G

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 aaa 123

<210> 37
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 <212> DNA
 <213> Mus musculus

<400> 37
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<210> 38
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 38
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 <213> Mus musculus

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<210> 40
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 <212> DNA
 <213> Mus musculus

<400> 40
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 aaaa 124

<210> 41
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 <212> DNA
 <213> Mus musculus

<400> 41
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<223> n = A,T,C or G

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<211> 252
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<213> Mus musculus

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<222> (1)...(252)
<223> n = A,T,C or G

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gctaaccgct ctggcggact antgctaaca atgtggcaac aaaacatcaa naacctggca 180
tggcacggga tggcttcccc ctntataagc acanactgct agtanacatt ggccttgaa 240
cagggaaaag aa 252

<210> 44
<211> 124
<212> DNA
<213> Mus musculus

<400> 44
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aaaa 124

<210> 45
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<223> n = A,T,C or G

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aaaa 124

<210> 46
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<212> DNA
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 <222> (1)...(111)
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 <212> DNA
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 <400> 47
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 aaaaa 125

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 <400> 48
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 <212> DNA
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 <400> 49
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 <213> Mus musculus

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<212> DNA
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aaaaaaa 127

<210> 53
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aaaaaaa 127

<210> 55
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<212> DNA
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aaaaa 125

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<213> Mus musculus

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<210> 58
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 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

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<400> 61
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 ggaaggaaac cctgcagcca ccaacacaat aaacacaata aactgtatcc tgacca 116

<210> 62
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<400> 62
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<210> 63
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 <212> DNA
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<400> 63
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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 65

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<210> 66

<211> 117

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(117)

<223> n = A,T,C or G

<400> 66

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<210> 67

<211> 126

<212> DNA

<213> Mus musculus

<400> 67

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ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 68

<211> 119

<212> DNA

<213> Mus musculus

<400> 68

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tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaaa 119

<210> 69

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 69

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aaaaaa 126

<210> 70

<211> 102

<212> DNA

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<213> Mus musculus

<400> 70
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<210> 71
<211> 150
<212> DNA
<213> Mus musculus

<400> 71
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atgtgaatga aaatatatct tgttcactga                               150

<210> 72
<211> 126
<212> DNA
<213> Mus musculus

<400> 72
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<210> 73
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<212> DNA
<213> Mus musculus

<400> 73
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<210> 74
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<212> DNA
<213> Mus musculus

<400> 74
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aaaaaa                                                         126

<210> 75
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 75
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tatgtatata tagaaa                                              136

<210> 76
<211> 116

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<212> DNA
<213> Mus musculus

<400> 76
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aggacagact cttgtgcttt tggaaccata agccaaataa acccttcctt ccataa      116

<210> 77
<211> 151
<212> DNA
<213> Mus musculus

<400> 77
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cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtg      120
gatgtgaatg aaaatatatc ttgttcactg a      151

<210> 78
<211> 126
<212> DNA
<213> Mus musculus

<400> 78
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aaaaaa      126

<210> 79
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 79
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<210> 80
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 80
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aaaaaa      127

<210> 81
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

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<222> (1)...(113)
<223> n = A,T,C or G

<400> 81
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acagactcct gtgcttttgg aaccataagc canatnaacc cttccttcca taa                113

<210> 82
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 82
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taccangaca gactcttggt cttttggaac cataagccaa atnaaccctt ccttccataa      120
gaaaaaaaaa                                129

<210> 83
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 83
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<210> 84
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 84
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ggcagagaaa tggcggngct gaagccctgt gggagcccag aagagtgtga gttccacatg      180
ctggacacat taaagagttt atgtatac                                208

<210> 85
<211> 123
<212> DNA
<213> Mus musculus

<400> 85
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa      120
aaa                                          123

<210> 86

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<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 86
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gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc ataaaaaaaa 120
aa 122

<210> 87
<211> 106
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 87
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<210> 88
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 88
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<210> 89
<211> 127
<212> DNA
<213> Mus musculus

<400> 89
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accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc ctccataaa 120
aaaaaaa 127

<210> 90
<211> 126
<212> DNA
<213> Mus musculus

<400> 90
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ccaggacaga ctcttgtgct ttttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 91

<211> 150
 <212> DNA
 <213> Mus musculus

<400> 91
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 atgtgaatga aaatatatct tgttcactga 150

<210> 92
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 92
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 93
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 93
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 caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
 actgtatcct gacca 135

<210> 94
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 94
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 95
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 95
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 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 96
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 96
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 aaaaaa 126

<210> 97
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 97
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 aaaaaa 126

<210> 98
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 98
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 aaaa 124

<210> 99
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 99
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 actgtatcct gacca 135

<210> 100
 <211> 120
 <212> DNA
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<400> 100
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<210> 101
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 101
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 gaaccataag ccaaataaac ccttccttcc ataaaaaaaa aa 102

<210> 102
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 102
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 tgcaaaaaaa aaaa 134

<210> 103
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 <212> DNA
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<400> 103
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 aaaaaa 126

<210> 104
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(150)
 <223> n = A,T,C or G

<400> 104
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 tgggctaccc tttgaagagg agagatgcag 150

<210> 105
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 105
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 106
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 106
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 aaaaaa 126

<210> 107
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 107
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 aaaaaa 126

<210> 108
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 108
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<210> 109
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 <212> DNA
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<212> DNA
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aaaaaa 126

<210> 111
<211> 126
<212> DNA
<213> Mus musculus

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aaaaaa 126

<210> 112
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<212> DNA
<213> Mus musculus

<220>
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<210> 113
<211> 151
<212> DNA
<213> Mus musculus

<400> 113
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gatgtgaatg aaaatatatc ttgttcactg a 151

<210> 114
<211> 119
<212> DNA
<213> Mus musculus

<400> 114
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<210> 115
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

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<222> (1)...(121)
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 a 121

<210> 116
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 116
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<210> 117
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 <212> DNA
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 aaaaaa 126

<210> 118
 <211> 126
 <212> DNA
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 aaaaaa 126

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 aaaaaa 126

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 aaaaaa 126

<210> 121
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<212> DNA
<213> Mus musculus

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actgtatcct gacca 135

<210> 123
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aaaaaa 126

<210> 124
<211> 119
<212> DNA
<213> Mus musculus

<400> 124
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agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaa 119

<210> 125
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<213> Mus musculus

<400> 125
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aaaaaa 126

<210> 126
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<212> DNA
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<222> (1)...(131)
<223> n = A,T,C or G

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taaaaaaaaa a 131

<210> 127
<211> 120
<212> DNA
<213> Mus musculus

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<212> DNA
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aaaaaa                                           126

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aaaaaa                                           126

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<211> 126
<212> DNA
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aaaaaa                                           126

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<211> 126
<212> DNA
<213> Mus musculus

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aaaaaa                                           126

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<211> 131
<212> DNA
<213> Mus musculus

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taaaaaaaaaa a                                           131

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 <212> DNA
 <213> Mus musculus

<220>
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 <223> n = A,T,C or G

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 <211> 123
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<400> 135
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 aaa 123

<210> 136
 <211> 123
 <212> DNA
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<400> 136
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 ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
 aaa 123

<210> 137
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 <212> DNA
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<400> 137
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 ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 138
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 138
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 agtcccccaa gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag 120
 caccatgaaa ctcttgcttg attaaaaaaa aaa 153

<210> 139
 <211> 187
 <212> DNA
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<220>
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 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 139
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ngntcactga canannnatg caaanctgaa tatangaact tctgggtgtga tgtgaatgaa 180
aatatat 187

<210> 140
<211> 126
<212> DNA
<213> Mus musculus

<400> 140
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ccaggacaga ctcttgtgct ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 141
<211> 126
<212> DNA
<213> Mus musculus

<400> 141
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ccaggacaga ctcttgtgct ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 142
<211> 126
<212> DNA
<213> Mus musculus

<400> 142
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ccaggacaga ctcttgtgct ttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 143
<211> 108
<212> DNA
<213> Mus musculus

<400> 143
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gacagactct tgtgcttttg gaaccataag ccaaataaac ccttcctt 108

<210> 144
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 144
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canagaggaa agggggggat ggaaggaaac cctgcatcca ccaacacatt aaacacaata 120
aactgtatcc tgaccaa 137

<210> 145
<211> 128
<212> DNA

<213> Mus musculus

<400> 145

aagggtgtgag ctctctgctt gctgctccag tcgctgtgct tgccctgctgt ggtgcctccc 60
taccaggaca gactcttgctg cttttggaac cataagccaa ataaaccctt ccttccataa 120
aaaaaaaa 128

<210> 146

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 146

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 147

<211> 120

<212> DNA

<213> Mus musculus

<400> 147

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<210> 148

<211> 126

<212> DNA

<213> Mus musculus

<400> 148

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ccaggacaga ctcttgctgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
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<211> 126

<212> DNA

<213> Mus musculus

<400> 149

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ccaggacaga ctcttgctgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 150

<211> 126

<212> DNA

<213> Mus musculus

<400> 150

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ccaggacaga ctcttgctgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 151

<211> 126

<212> DNA
 <213> Mus musculus

<400> 151
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 152
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 152
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 153
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)..(331)
 <223> n = A,T,C or G

<400> 153
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 ttanngaat gntncaccn nncgntgnac nnacaangan gcanaacnga cgtcanctac 120
 actnagctan tgnanntgna tgcccnttat gctgagtgcg ggccaancgn aatctggcct 180
 gncactagcn tccagtntag ggaggcagga aactgagan taatcaagaa atcaaaggag 240
 tttgcagccg gctacaacgt caagtttgac atgtacagca agatctgtgt aaatggggac 300
 gatgccacc cactgtggaa atggatgaaa g 331

<210> 154
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 154
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 155
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 155
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 156
 <211> 287
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(287)
<223> n = A,T,C or G

<400> 156
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ctcattcttg aggnancctt caatccctta ctatagctat ttctagatgc cctttaacat 120
tgtgaacaaa tagaccgtct ggtattataa aacacaaatg nacanaentn tgngetttct 180
atgctcatcc ttctactcat cctcttacta ctttctgttc catgtgtcgn accttaggct 240
caccocaggn caaccttatt gcctcactca caaaagttat tataata 287

<210> 157
<211> 112
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(112)
<223> n = A,T,C or G

<400> 157
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ccaggacaga ctcttggtgc tttggaacca taagccaaat aaacccttcc tt 112

<210> 158
<211> 126
<212> DNA
<213> Mus musculus

<400> 158
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttggtgc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 159
<211> 120
<212> DNA
<213> Mus musculus

<400> 159
gaattggata caatgcgact accgatctct tcagggttcc tgctgccagc ctccccacc 60
gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 160
<211> 126
<212> DNA
<213> Mus musculus

<400> 160
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ccaggacaga ctcttggtgc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 161
<211> 126
<212> DNA
<213> Mus musculus

<400> 161
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ccaggacaga ctcttggtgc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 162
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 <212> DNA
 <213> Mus musculus

<400> 162
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 163
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 163
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 atgtgaatga aaatatatct tggttactga 150

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 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 164
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 165
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 165
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 caggacagac tcttgtgctt ttggaaccat aagccaaata aacccttcct tccataaaaa 120
 aaaaa 125

<210> 166
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 <212> DNA
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<220>
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 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 166
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<210> 167
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 167
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 aaaaaa 127

<210> 168
<211> 127
<212> DNA
<213> Mus musculus

<400> 168
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaa 120
aaaaaaa 127

<210> 169
<211> 126
<212> DNA
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ccaggacaga ctcttgtgtc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 170
<211> 126
<212> DNA
<213> Mus musculus

<400> 170
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ccaggacaga ctcttgtgtc tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 171
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 171
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gggggggatg gaaggaaacc ctgcagccac caacacanta nacacaataa actgtatcct 120
gaccacctga aaaa 134

<210> 172
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 172
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cagtgtgatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctgggtgtga 120
tgtgaatgaa aatatatctt gttcactga 149

<210> 173
<211> 126
<212> DNA

<213> Mus musculus

<400> 173

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 174

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 174

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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttncttc cataaaaaaa    120
aaa                                123
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<210> 175

<211> 126

<212> DNA

<213> Mus musculus

<400> 175

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aaaaaa                                126
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<210> 176

<211> 126

<212> DNA

<213> Mus musculus

<400> 176

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 177

<211> 126

<212> DNA

<213> Mus musculus

<400> 177

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa    120
aaaaaa                                126
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<210> 178

<211> 134

<212> DNA

<213> Mus musculus

<400> 178

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ctttgaattc tgagaaagaa gagtgtgaaa caagaagcaa agatcggggtt ggaagagggc    60
aagaggaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa    120
ctgtatcctg acca                                134
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<210> 179

<211> 119
 <212> DNA
 <213> Mus musculus

 <400> 179
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 <211> 126
 <212> DNA
 <213> Mus musculus

 <400> 180
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 aaaaaa 126

 <210> 181
 <211> 121
 <212> DNA
 <213> Mus musculus

 <400> 181
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 acagactctt gtgcttttgg aaccataagc caaataaacc cttccttcca taaaaaaaaa 120
 a 121

 <210> 182
 <211> 139
 <212> DNA
 <213> Mus musculus

 <400> 182
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 ggggggatgg aaggaaaacc tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
 accacctcaa aaaaaaaaaa 139

 <210> 183
 <211> 150
 <212> DNA
 <213> Mus musculus

 <400> 183
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 caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
 actgtatcct gaccacctca aaaaaaaaaa 150

 <210> 184
 <211> 108
 <212> DNA
 <213> Mus musculus

 <400> 184
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 cttttggaac cataagccaa ataaaccctt ccttccataa aaaaaaaaaa 108

 <210> 185
 <211> 140
 <212> DNA
 <213> Mus musculus

 <400> 185

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aataaactgt	atcctgacca					140

<210> 186
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 <212> DNA
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<400> 186						
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aaaaaaaa						128

<210> 187
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 187						
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a						121

<210> 188
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 188						
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aaaaaaa						127

<210> 189
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 <212> DNA
 <213> Mus musculus

<400> 189						
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aaaaaa						126

<210> 190
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 <212> DNA
 <213> Mus musculus

<400> 190						
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<210> 191
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 191						
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aaaaaaaa						128

<210> 192
<211> 123
<212> DNA
<213> Mus musculus

<400> 192
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
aaa 123

<210> 193
<211> 126
<212> DNA
<213> Mus musculus

<400> 193
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ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

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<211> 126
<212> DNA
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<400> 194
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aaaaaa 126

<210> 195
<211> 128
<212> DNA
<213> Mus musculus

<400> 195
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aaaaaaa 128

<210> 196
<211> 154
<212> DNA
<213> Mus musculus

<400> 196
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gcacatgaa actcttgctt gattaaaaaa aaaa 154

<210> 197
<211> 135
<212> DNA
<213> Mus musculus

<400> 197
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caagaggaaa ggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 198
<211> 126
<212> DNA

<213> Mus musculus

<400> 198

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 199

<211> 126

<212> DNA

<213> Mus musculus

<400> 199

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 200

<211> 126

<212> DNA

<213> Mus musculus

<400> 200

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 201

<211> 145

<212> DNA

<213> Mus musculus

<400> 201

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aactcttggt tgattaaaaa aaaaa 145

<210> 202

<211> 126

<212> DNA

<213> Mus musculus

<400> 202

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<210> 203

<211> 119

<212> DNA

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<400> 203

ctattggata caatgagact accgatctct tcaggttcct gctgccagcc tccccaccg 60
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<210> 204

<211> 134

<212> DNA

<213> Mus musculus

<400> 204

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aagaggaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa 120
ctgtatcctg acca 134

<210> 205
<211> 140
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(140)
<223> n = A,T,C or G

<400> 205
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aaatatatct tgttcactga 140

<210> 206
<211> 152
<212> DNA
<213> Mus musculus

<400> 206
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cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttcactg ag 152

<210> 207
<211> 119
<212> DNA
<213> Mus musculus

<400> 207
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tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaa 119

<210> 208
<211> 116
<212> DNA
<213> Mus musculus

<400> 208
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tgactatac cctagcattc cagtcaaaat aaagctaact tgcccaaaaa aaaaaa 116

<210> 209
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 209
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taccctagca ttccagtcaa aataaagcta ncttgcccaa gaaaaaaaa 109

<210> 210
<211> 315
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 210

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ccaaaccaac	caaccaatca	atgagaacca	accaaccaac	caaccaacca	atgagaacca	180
accaatgaga	accaaccaat	gagaaccaac	cccaaggaac	agaggaagca	caagaaggat	240
gacaggaaca	ttttttactt	ttctttctgc	tattgaaggc	gaggcattaa	agttgaagtg	300
ctattaaaaa	aaaaa					315

<210> 211

<211> 126

<212> DNA

<213> Mus musculus

<400> 211

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ccaggacaga	ctcttgtgct	tttggaacca	taagccaaat	aaacccttcc	ttccataaaa	120
aaaaaa						126

<210> 212

<211> 127

<212> DNA

<213> Mus musculus

<400> 212

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accaggacag	actcttgtgc	ttttggaacc	ataagccaaa	taaacccttc	cttccataaa	120
aaaaaaa						127

<210> 213

<211> 126

<212> DNA

<213> Mus musculus

<400> 213

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aaaaaa						126

<210> 214

<211> 122

<212> DNA

<213> Mus musculus

<400> 214

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<210> 215

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

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 aaaaaaa 127

<210> 216
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 216
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 accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaaa 127

<210> 217
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 217
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 ccctaccagg acagactctt gtgcttttgg aaccataagc caaataaacc cttccttcca 120
 taaaaaaaaa a 131

<210> 218
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 218
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 catgaaactc ttgtttgatt aaaaaaaaaa 150

<210> 219
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 219
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 ccaggacaga ctctctgtgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 220
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 220

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 221
<211> 121
<212> DNA
<213> Mus musculus

<400> 221
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ggatggaagg aaaccctgca gccaccaaca caataaacac aataaactgt atcctgacca 120
a 121

<210> 222
<211> 130
<212> DNA
<213> Mus musculus

<400> 222
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cctaccagga cagactcttg tgcttttgga accataagcc aaataaacc ttcccttccat 120
aaaaaaaaa 130

<210> 223
<211> 126
<212> DNA
<213> Mus musculus

<400> 223
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 224
<211> 126
<212> DNA
<213> Mus musculus

<400> 224
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 225
<211> 126
<212> DNA
<213> Mus musculus

<400> 225
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 226
<211> 127
<212> DNA
<213> Mus musculus

<400> 226
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 227
<211> 126
<212> DNA
<213> Mus musculus

<400> 227
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 228
<211> 126
<212> DNA
<213> Mus musculus

<400> 228
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 229
<211> 127
<212> DNA
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<400> 229
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 230
<211> 127
<212> DNA
<213> Mus musculus

<400> 230
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 231
<211> 419
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 231
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gttcaactggt ttcaagggtc gtaaaatggt aattggttga tagtagtgct tgtctagcac 180
gcatgtaagt ccaggttca agcctcagca gcatagnaaa caaacaaca aaactcagggn 240
acataccgac tcacacttgg taatcccagc attgggtaac agtaacacag gtagggatta 300
ctgtgtagct ggtaggccag ccaggacta catagcaagg acccctccta tccctctaaa 360
atttctgttt taaaaaaggg aattcatitt attttaataa gtttttatta ttccctttta 419

<210> 232
<211> 391
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 232
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 tcaccatata ctgtttgttg cgggtagncc tcgccagctt cttcactggg ttccagtgtg 180
 ctcacaggta tccactcacc acacatgcac agtatggcgc cgggggacag gggagagcca 240
 cgcagggccg taaatctccg aggcgctaataa cccagccagc atatgcttaa ttaggcaagg 300
 tgtgttggtg cttccacgca cagataattg taaatccatg caggagatg actggttttt 360
 gtgttctaaa atgatgaaat atacatgttt t 391

<210> 233
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 233
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 234
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 234
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 gcaagaggaa agggggggat ggaaggaaac cctgcagcca ccaacacaat aaacacaata 120
 aactgtatcc tgaccacctc aaaaaaaaaa a 151

<210> 235
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 235
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 236
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 236
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 237
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 237
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 238
<211> 126
<212> DNA
<213> Mus musculus

<400> 238
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 239
<211> 127
<212> DNA
<213> Mus musculus

<400> 239
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accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaa 127

<210> 240
<211> 126
<212> DNA
<213> Mus musculus

<400> 240
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 241
<211> 120
<212> DNA
<213> Mus musculus

<400> 241
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<210> 242
<211> 132
<212> DNA
<213> Mus musculus

<400> 242
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tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
ataaaaaaaaa aa 132

<210> 243
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<212> DNA
<213> Mus musculus

<400> 243
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 244
<211> 110
<212> DNA
<213> Mus musculus

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<220>
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<222> (1)...(110)
<223> n = A,T,C or G

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cttttgggaa ccataagncc aaataaacc cttcttccat aaaaaaaaaa    110

<210> 245
<211> 119
<212> DNA
<213> Mus musculus

<400> 245
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agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa    119

<210> 246
<211> 120
<212> DNA
<213> Mus musculus

<400> 246
gatattggat acaatgcgac taccgatctc ttcaggttcc tgetgccagc ctccccacc    60
gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa    120

<210> 247
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 247
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<210> 248
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 248
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<210> 249
<211> 112
<212> DNA
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<220>
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<223> n = A,T,C or G

<400> 249

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gtgatggact ataccctagc attccaggca anataaagct aacttgcca aa 112

<210> 250

<211> 120

<212> DNA

<213> Mus musculus

<400> 250

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gtgatggact ataccctagc attccagtca aaataaagct aacttgcca aaaaaaaaaa 120

<210> 251

<211> 122

<212> DNA

<213> Mus musculus

<400> 251

agaattggat acaatgcgac taccgatctc ttcaggttcc ctgctgccag cteccccacc 60
cgtgatggga ctatacccta gcattccagt caaataaag ctaacttgcc aaaaaaaaaa 120
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<210> 252

<211> 138

<212> DNA

<213> Mus musculus

<400> 252

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacct 138

<210> 253

<211> 126

<212> DNA

<213> Mus musculus

<400> 253

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 254

<211> 135

<212> DNA

<213> Mus musculus

<400> 254

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 255

<211> 126

<212> DNA

<213> Mus musculus

<400> 255

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120

aaaaaa 126

<210> 256
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 256
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 actgtatcct gaccacct 138

<210> 257
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 257
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 aaaaaa 126

<210> 258
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 258
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 aaaaaa 126

<210> 259
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 259
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 aaaaaaaaa 129

<210> 260
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 <213> Mus musculus

<400> 260
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 aaaaaa 126

<210> 261
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 261

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<210> 262
<211> 126
<212> DNA
<213> Mus musculus

<400> 262
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aaaaaa 126

<210> 263
<211> 101
<212> DNA
<213> Mus musculus

<400> 263
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<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<400> 264
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accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 265
<211> 127
<212> DNA
<213> Mus musculus

<400> 265
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aaaaaa 127

<210> 266
<211> 127
<212> DNA
<213> Mus musculus

<400> 266
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ggggggatgg aaggaaacc tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
accacct 127

<210> 267
<211> 126
<212> DNA
<213> Mus musculus

<400> 267
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ccaggacaga ctcttgtgtc tttggaacca taagccaaat aaacccttc ttccataaaa 120
aaaaaa 126

<210> 268

<211> 151
 <212> DNA
 <213> Mus musculus

<400> 268
 gctgaagagg agaatcccag attgccttca ctcacaagat ctggcagcca gagccccgag 60
 tcccccaagc ccagtgaagca gttcaaataat aaaaccgcac ataacaagaa aagtgaagca 120
 ccatgaaact cttgtttgat taaaaaaaaa a 151

<210> 269
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 269
 gttgaagaat tggatacaat ggcactaccg atctcttcag gttcctgctg ccagcctccc 60
 ccaccgtgat ggactatacc ctagcattcc agtcaaaaata aagctaactt gcccaaaaaa 120
 aaaaa 125

<210> 270
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 270
 ggtgtgagct ctctgcttgc tgcctcagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 271
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 271
 ggtgtgagct ctctgcttgc tgcctcagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 272
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 272
 ggtgtgagct ctctgcttgc tgcctcagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaa 126

<210> 273
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 273
 aggtgtgagc tctctgcttg ctgctccagtc cgtgtgctt gcctgctgtg gtgcctccct 60
 accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaaa 120
 aaaaaa 127

<210> 274
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 274
 tttattgaag acgctntttc cccattgng tatntttggc tagntttgtc aaagatcaan 60
 ggtccgtaag taactgtcna aaaannttct gnggnttnna cttttntntg ngatctgaaa 120
 naatggnatc aacantacca ttgagggcct tactanctac acnttgcagg accttatcag 180
 gaactggata ttnttnggng nattgnantg tangnctgca gncacggcta taccagtgat 240
 acantaaaga gngccctgat gtttcccaen ggggccttct tcctgcgcca tctaagaanc 300
 cgtgtatgca nnagccctcc atctcctttg gccctgaatg agagcaccen gattattctg 360
 ctaanantgc ttngtgaat gccatntccc tcacatctgg agnngctaaa ggccttganc 420
 acatggtcac tgcccaacga gtggnagaaa agctngcatt tgcnataatg gaacctgcat 480
 gcatgtagn ccttgaanng gagactgnct aaatgccntc ccaagccaag gaacttgctt 540
 aggg 544

<210> 275
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 275
 ggtgtgagct ctctgcttgc tgctccagtc cgctgtgctt gcctgctgtg gtgcctccct 60
 accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc ctccataaaa 120
 aaaaaaa 127

<210> 276
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 276
 gatattggat acaatgacac taccgatctc ttcaggttcc tgctgccagc ctccccacc 60
 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 277
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 277
 aaaggtgtga gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc 60
 ctaccaggac agactcttgt gcttttggaa ccataagcca aataaaccct tccttccata 120
 aaaaaaaaaa 129

<210> 278
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 278
 gaagtgtgtc cagctggctg gaantgctt gctgctccag tcgctgtgct tgctgctgtg 60
 ggtgcctccc taccaggaca gactcttgtg cttttggaa cataagccaa ataaaccctt 120
 ccttccataa aaaaaaaa 138

<210> 279
 <211> 177

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 279
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaangg atatctctac 60
tcgctccaaa natcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaa 177

<210> 280
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 280
attataagca caccgcagag aattgccaat tcaggaagtg ttctgattgg gaatccatat 60
accctgcac ccgcaatggc cactcagact cacatagctg aggtctgtgg ctgggttccc 120
agtgatcgaa nccgagctag agaatttata gactctg 157

<210> 281
<211> 182
<212> DNA
<213> Mus musculus

<400> 281
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaa 180
aa 182

<210> 282
<211> 182
<212> DNA
<213> Mus musculus

<400> 282
cttggtgaa gaggaataa aaactgagca ggaggtggng gaggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaa 180
aa 182

<210> 283
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 283
gtaacatttc acttggtgcc ttccagttt caagcaccaa ctaccaaca aagattttac 60
cgaaaacctt agggccaata aatgtgaatg tgggacccca aaggatntta ancccnnga 120

aaanaatggc cantnnagna ngggtcngna tgggnatten ttttnccng gaacccgcaa 180
 tggtcacttt aagaactcac atagctt 207

<210> 284
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 284
 ctgagcagga ggtgggtggag ggaatggata tctctactcg ctccaaagat cctgtntcta 60
 cagagaaaac ggccccgaaa cggaagttnc ccagccctcc acattcctnc aatggccatt 120
 cgccccaaaga ctcatccacg agccccatta aaaaaaagaa a 161

<210> 285
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 285
 cttggctgaa gaggaataaa aaactganca ggangnggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttataaaaaa 180
 aa 182

<210> 286
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 286
 atctaataca agacaaactt aaagagaaaag acagagagag agagaaaana gaagcntaaa 60
 gtantgagtg agatcacnga aagaacntgg agatgtnaag attttactga aaagtgggaa 120
 ggagaaacca a 131

<210> 287
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 287
 ggtgtgagct ctctgcttgc tgctccagtc cgctgtgctt gcctgctgtg gtgcctccct 60
 accaggacag actcttgtgc ttttggaaacc ataagccaaa taaacccttc ctccataaa 120
 aaaaaa 127

<210> 288
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 288
 acacaggaga cagaggtgtg agctctctgc ttgctgctcc agtcgctgtg cttgcctgct 60
 gtgggtgcctc cctaccagga cagactcttg tgcttttgga accataagcc aaataaacc 120
 ttccttccat aaaaaaaaaa 140

<210> 289
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 289
 atattggata caatgcgact accgatctct tcaggttcct gctgccagcc tccccaccg 60
 tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaa 119

<210> 290
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 290
 ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgctcccta 60
 ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 291
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 291
 ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgctcccta 60
 ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 292
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 292
 gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tgggtgectcc ctaccaggac 60
 agactcttgt gcttttgga ccataagcca aataaaccct tccttcata aaaaaaaaa 119

<210> 293
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 293
 tttgattctg agaaagaaga gtgtgaaaca agaagcaaag atcgggttgg aagagggcaa 60
 gaggaaggga ggggatggaa ggaaaccctg cagccacca cacaataaac acaataaact 120
 gtatcctgac ca 132

<210> 294
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 294
 gctttgaatt ctgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
 caaggaggaa ggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
 actgtatcct gaccacctca aaaaaaaaaa 150

<210> 295
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 295
 agcttttgaat tctgagaaag aagagtgtga aacaagaagc aaagatcggg ttggaagagg 60
 gcaagaggaa agggggggat ggaaggaaac cctgcagcca ccaacacaat aaacacaata 120
 aactgtatcc tgacca 136

<210> 296
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 296
 gagcggcctc caccctaaacn actnactagg gaagctatgc nanantatnt aaangaacga 60
 ggggatnnaa cngtgcctcat tcttcatgca aangntgcac agaagtctta cggnantgaa 120
 aaacgatttt tttgccctcc tccttgtgtg tatcttatgg gcannnggtg gaaaaaaaaa 180
 aa 182

<210> 297
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 297
 ggatataaaa tactagctnn aaagatnctg tctctacaga gaaaacggcc ccgaaacgga 60
 agttccccag ccctccacat tcctccaatg gccattcgcc ccaagactca tccacgagcc 120
 ccattaaaaa aaaaa 135

<210> 298
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 298
 cttggctgaa gaggaataaa aaactgagca ggaggtggtg gaggggaatgg atatctctac 60
 tcgctocaaa gatcctgtct ctacagagaa aacggccccc aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
 aa 182

<210> 299
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 299
 atcctgtctc tacagagaaa acggcccccga aacggaagtt cccagcccct ccacattcct 60
 ccaatggcca ttgcgcccga gactcatcca cgagcccccatt taaaaaaaaa a 111

<210> 300
 <211> 141

<212> DNA
 <213> Mus musculus

<400> 300
 attataagca caccgcagag aattgccaat tcaggaagtg ttctgattgg gaatccatat 60
 acccctgcac ccgcaatggt cactcagact cacatagctg aggctgctgg ctgggttccc 120
 agtaaacgaa gcaaaaaaaaa a 141

<210> 301
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 301
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 302
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 302
 aaactgagca ggaggtggtg gagggaatgg atatctctac tcgctccaaa gatcctgtct 60
 ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc 120
 attcgcccca agactcatcc acgagcccca ttaaaaaaaaa aa 162

<210> 303
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 303
 atcctgtctc tacagagaaa acggccccga aacggaagtt ccccagccct ccacattcct 60
 ccaatggcca ttcgcccca gactcatcca cgagcccat taaaaagaaa aaa 113

<210> 304
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 304
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 305
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 305
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 306
 <211> 402
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 306

tttcaagcac	caactcacca	acaaagattt	taccgaaaac	cttagggcca	ataaatgtga	60
atggttgacc	ccaaatggta	agaaaattat	taaatttcag	aattgacact	tttctcaggc	120
aagactaatt	tatagataat	tatgctgaag	atggttgatc	aaatattcta	tttaatttta	180
gttatctcat	ttaccctaaa	taaaagtttt	ggttttatct	cagtataatt	aagtattaat	240
ttatattaat	aaatgttttt	gtgttcttat	gtttaatttt	aacatttcaa	tctgtgggtt	300
ctgaatgtgt	aatattaagg	nttttctccc	cttacgaggc	ctttcttaac	ttttgggggn	360
taattaactt	gaaatctatt	gnattctacc	agtcttacia	ct		402

<210> 307

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 307

gtaacatttc	acttggtgcc	tttccagttt	caagcaccaa	ctcaccaaca	aagattttac	60
cgaaaacctt	agggccanta	aatgtgaatg	ttggaccca	aatgattata	ancacaccgc	120
agagaattgc	caattcagga	agtgttctga	ttgggaatcc	atatacccct	gcacccgcaa	180
tggtcactca	gactcacata	gctgaggctg	ctggctgggt	tcccagtgat	cgaag	235

<210> 308

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 308

cgccaggacg	gagcgattct	cangngggaa	gganncgcc	nacaggncc	gactgcttac	60
agacatgtcc	ccctcaataa	aattgcagtt	gaaatggaaa	aa		102

<210> 309

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 309

agaagtcaga	agaggtcagt	cagctnnnct	ggtggagctg	gagctacaag	caactgggaa	60
aactactctg	catatnactc	tncaagaagc	agtnacgagt	gatcttccac	ccctctgcct	120
ctgctctgca	nnaacagcan	gngctcttaa	cctgttaatc	atggagcatt	ttcactag	178

<210> 310

<211> 182

<212> DNA

<213> Mus musculus

<400> 310

cttggtgaa	gaggaaataa	aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccc	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 311

<211> 125

<212> DNA

<213> Mus musculus

<400> 311

gtgtgagctc	tctgcttget	gtccagtcg	ctgtgcttgc	ctgtgtgtgt	gcctccctac	60
caggacagac	tcttgtgctt	ttggaaccat	aagccaaata	aacccttcct	tccataaaaa	120
aaaaa						125

<210> 312

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 312

tagggaagct	atgcgaaatt	atttaaaaga	acgaggggat	taaacagtgc	tcattctttna	60
tgcaaaagtt	gcacagaagt	cttacggaaa	tgaaaaacga	tttttttgcn	ctcctccttg	120
tgtgnatctt	aaaggcagat	a				141

<210> 313

<211> 182

<212> DNA

<213> Mus musculus

<400> 313

cttggtgaa	gaggaaataa	aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccc	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 314

<211> 151

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(151)

<223> n = A,T,C or G

<400> 314

gctgaagagg	agaatcccag	attgccttca	ctcacaagat	ctggcagcca	gagccccgag	60
tcccccaagc	ccagtgaagc	gannnaatat	gannccgnac	atancaagaa	aagtgaagca	120
ccatgaaact	cttgtttgat	taaaaaaaaa	a			151

<210> 315

<211> 357

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 315

atgcatgtat	acttccttgt	acctntcgct	cgactgnacn	ntgncctnac	cggaatgaag	60
ggtggcatga	agggaaggga	aggcatcttg	actgatanct	gnactnntgc	acagcaagat	120
ggaggnangc	tggccttnat	gtaacctnnc	gnntcngggg	gatnngngnc	ttnccttnnn	180
cggattcacc	ggtggcccg	tttgcacgtg	canantggtg	acgaggctcc	ctaaagcagc	240
ctcgaccatc	cacagacagc	ctcacgtttt	tctcctactt	tttccttatg	cttttaaagt	300
gcagactcgc	cgggcgtggg	ggcncacgcc	cttttattcc	catcactttg	ggaaggc	357

<210> 316

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 316

ctttgaattc	atgagaaaga	agagtgtgaa	acaagaagca	aanatcgggt	tggaagaggg	60
cnagagggaaa	gggggggatg	gaaggaaacc	ctgcagccac	caacacaata	ancacaatat	120
actgtatcct	gaccacctca	aaaaaaaaac	ca			152

<210> 317

<211> 182

<212> DNA

<213> Mus musculus

<400> 317

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccc	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 318

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 318

atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagnoct	ccacattcct	60
ccaatggcca	ttcgcccnaa	gactcatcca	cgagcccat	taaaaaaaaa	a	111

<210> 319

<211> 182

<212> DNA

<213> Mus musculus

<400> 319

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120

tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 320
<211> 182
<212> DNA
<213> Mus musculus

<400> 320
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 321
<211> 182
<212> DNA
<213> Mus musculus

<400> 321
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 322
<211> 135
<212> DNA
<213> Mus musculus

<400> 322
ctttgaattc atgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 323
<211> 182
<212> DNA
<213> Mus musculus

<400> 323
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 324
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 324
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 325

<211> 182
 <212> DNA
 <213> Mus musculus

<400> 325
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 326
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 326
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 327
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 327
 gtagggggga actgctcgtg gctgangagg aaataaaaac tgagcaggag gtggtggagg 60
 gaatggatat ctctactcgc tccagagatc ctgtctctac agagaaaacg gccccgaaac 120
 ggaagttccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 180
 gcccattaa aaaaaaaaa 182

<210> 328
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 328
 atgagctcac agtacctgca ctttacccca gtagccctga agtgtgggcc ccgtaccctc 60
 tgtaccacgc ggagttagcg cctgctcttc ctctctctgc cgctttcacc taccgcgtt 120
 cactgcatgc ccagaggcnc tgtatacatg cctaggnnnn cacncctgac nnntgganac 180
 tinctncagca catgnatgat ngcgtcncgt ggaatgngcc tgnacagat caacctactg 240
 cagaccancn aaggaggctt nngagacaga atgtattann aaccnactac cttatncctt 300
 ttgcaaanga naactnttct ttganaatnt ttgagagatt tcaataaaaa 350

<210> 329
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 329
 tgaaccggtt ttaagtcacg aactgagatc ctgtctctac agagaaaacg gccccgaaac 60
 ggaagttccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 120

gccccattaa aaaaaaaaa 138

<210> 330
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 330
 atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 60
 ccaatggcca ttgccccaa gactcatcca cgagcccaa aaaaaaaaa 109

<210> 331
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 331
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 togtccaaa gatcctgtct ctacaganaa aacngccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgccc 148

<210> 332
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 332
 ggaagctatg cgaaattatt taaaagaacg aggggatcaa acagtgtctca ttcttcatgc 60
 aaaagttgca cagaagtctt acggaatga aaaacgattt ttttgccctc ctcttgtgt 120
 gtatcttatg ggagtggtt ggaaaaaaaa aaa 153

<210> 333
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 333
 gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc 60
 tccaatggcc attcgcccc aactcatcc acgagcccca taaaaaaaa aa 112

<210> 334
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 334
 atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 60
 ccaatggcca ttgccccaa gactcatcca cgagcccat taaaaaaaa a 111

<210> 335
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 335
 cttggctgaa gaggaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 togtccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aactcatcc acgagcccca taaaaaaaa 180

aa 182

<210> 336
<211> 103
<212> DNA
<213> Mus musculus

<400> 336
ctgagaaggt tggagtttta atgattcagg cggctctggc ggccaggctg ggcgatatgg 60
tccgcaccta gactgttgag ctgggggtag aggaaaaaaaa aaa 103

<210> 337
<211> 171
<212> DNA
<213> Mus musculus

<400> 337
aggaaataaa aactgagcag gaggtgggtgg agggaatgga tatctctact cgctccaaag 60
atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct 120
ccaatggcca ttgccccaa gactcatcca cgagcccat taaaaaaaa a 171

<210> 338
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 338
cttgcaagca ccaactcacc nacactttat tctagcgaac accttatggc caataaaatg 60
tgaatgntgt accccttcac tgattataat gcacaccngc acagaattgc caattcttga 120
gagtgtctcg attgggaatc catatacccc tgcaccgcga atggtcactc agactcacat 180
agctgaggct gctggctggg ttcccagtaa acgaagcaaa aaaggagaaa aaaaaaa 237

<210> 339
<211> 105
<212> DNA
<213> Mus musculus

<400> 339
gactgagaag gttggagttt taatgattca ggcggctctg ggggccaggc tgggcatatg 60
ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 340
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 340
ctgagatgag ctccagtacc tgcactttac cccantagcc ctgaagngtg ggccccgtac 60
cctctgtacc cagcggagtt agcgctgct ctctctctc ctgccgggtt cacctacccc 120
gcttcaactgc atgcccagag nttctnttat acaggcntnn ccennacac ctganntttg 180
ganacttctt cancaaatta nannngtctc tnggaatgtg tttgggncct attaacctac 240
tgcanaaccan cnaaggagc tncngntgnt gaatttatta gcaaccccct cccttcccct 300
tttgcaaaaa aaaacntttt ttgataatgt ttngagaaan ntcaaataaa aaattttaat 360

<210> 341
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 341
 gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 342
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 342
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccca gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgca 106

<210> 343
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 343
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 344
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 344
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 345
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 345
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 346
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 346
 aactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 347
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 347
 cagagaattg ccaattcagg aagtgttctg attgggaatc catatacccc tgcacccgca 60
 atggtcactc anactcacat agctgaggct gctggctggg ttcccagtaa acgaagc 117

<210> 348
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 348
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaga ctcattccac agccccatta 180
 aaaaaaaaaa 189

<210> 349
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 349
 agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaa 116

<210> 350
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 350
 agaactgaga tcctgtctct acagagaaaa cgccccgaa acggaagttn cccagccctc 60
 cacattcctc caatggccat tcgccccaa actcatccac gagccccatt aaaaaaaaaa 120

<210> 351
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 351
 agactgagaa ggttgaggtt ttaatgattc aggcggctct ggcggccagg ctgggcgata 60
 tggtcgcac ctgactgtt gagctggggg tagaggaaaa aaaaaa 106

<210> 352
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 352
 cttggctgaa gaggaataaa aaactgagca ggagggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
 aa 182

<210> 353

<211> 202
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 353
gacgtctggg gagctcctgc attaagtnaa gaactgagct tggctgaaga ggaaataaaa 60
actgagcagg aggtggtgga gggaatggat atctctactc gctccaaaga tctgtgtctt 120
acagagaaaa cggccccgaa acggaagtgc ccagccctc cacattctc caatggccat 180
tcgccccaa gactcatccac ga 202

<210> 354
<211> 121
<212> DNA
<213> Mus musculus

<400> 354
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 355
<211> 175
<212> DNA
<213> Mus musculus

<400> 355
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaga gaaaaagaag 60
cataaagtaa tgagtggat caagaaagaa aatggagatg taaagatttt actgaaaagt 120
gggaaggaga aacaaaaaac aaatatagaa gacttacaaa ttaaaaaagt aaaaa 175

<210> 356
<211> 107
<212> DNA
<213> Mus musculus

<400> 356
gaggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgccc agacgggatc 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgca 107

<210> 357
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 357
gttccaaaag tggcaggaag cccctggac cttcacctc ggctgctgt cctccacta 60
cggcctaaga gcttggagt ggganganca tggnggcatt gttgccaang gtctggacac 120
angcatgeng gaaaatggac cttnccttaag actnaagctg tgcacacagc ttgtgacacg 180
anaacacttt tccacaccta tanttggggt gttgcctaaa tat 223

<210> 358
<211> 181
<212> DNA

<213> Mus musculus

<400> 358

ctgagataaa	atcaaagaca	aaattaaaga	gaaagacaaa	gagagagaga	aaaagaagca	60
taaagtaatg	agtgagatca	agaaagaaaa	tgagagatgta	aagattttac	tgaaaagtgg	120
gaaggagaaa	ccaaaaacaa	atatagaaga	cttacaaatt	aaaaaagtaa	agaagaaaaa	180
a						181

<210> 359

<211> 121

<212> DNA

<213> Mus musculus

<400> 359

actgaggtga	tgaagtctcg	atcactagac	gggagatgct	gccaaagtgcc	ccagacggga	60
tcaagactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcag	aagaaaaaaa	120
a						121

<210> 360

<211> 106

<212> DNA

<213> Mus musculus

<400> 360

ctgaggtgat	gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactg		106

<210> 361

<211> 119

<212> DNA

<213> Mus musculus

<400> 361

gactgaggtg	aagaagtctc	gatcactaga	cgggagatgc	tgccaagtgc	cccagacggg	60
atcaagactc	caatgacaac	cataagattc	cctaaagcta	agacactgaa	aaaaaaaa	119

<210> 362

<211> 111

<212> DNA

<213> Mus musculus

<400> 362

agactgaggt	gatgaagtct	cgatcactag	acgggaggtg	ctgccaagtg	ccccagacgg	60
gatcaagact	ccaatgacaa	ccataagatt	ccctaaagct	aagacactgc	a	111

<210> 363

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 363

cttccgccag	taacgnetga	ggtgaggaag	nctagatcac	tanangggan	atgntgccac	60
gtgnccaga	cgggatcaag	actccaatga	caacgcataa	gattccctaa	agctaagaca	120
ctgcaaaaaa	aaaaa					135

<210> 364

<211> 117

<212> DNA

<213> Mus musculus

<400> 364

gagggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 365

<211> 110

<212> DNA

<213> Mus musculus

<400> 365

tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga tcaagactcc 60
aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 110

<210> 366

<211> 119

<212> DNA

<213> Mus musculus

<400> 366

gactgagggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 367

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 367

gactgagggtg atgaagnctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 368

<211> 119

<212> DNA

<213> Mus musculus

<400> 368

gactgagggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 369

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 369

ctgagggtgat gaagtctcga tnactagacg ggagatgctg ccaagngccc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaaaa 118

<210> 370

<211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 370
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactccn atggcaacca taagattccc taaagctaag aactgcaaa aaaaaaaa 118

<210> 371
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 371
 cctgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 120

<210> 372
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 372
 ctgaggtgat gaagtctgga tcctagacgg gagatgctgc caagtgcccc agacgggatac 60
 aagactccaa tgacaaccat aagattccct aaagctaaga cactgca 107

<210> 373
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 373
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 374
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 374
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaaaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
 a 121

<210> 375
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 375
 tgcgagatta tttaaaaaaa cgaggggggat caaacagngc tcattcttca tgcncaagtt 60

gcacagaagt cttacnggaa ntgaaaaaca gatttttttg cctcctcct tgcgtggatc 120
 ttatgggcag tggttgta 138

<210> 376
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 376
 gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 377
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 377
 actgaggcac gactgcgggg atgaagtctc gatcctagac gggagatgct gccaaagtgc 60
 ccagacggga tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcag 120
 aaaaaaaaaa 130

<210> 378
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 378
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgagatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 379
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 379
 gaggtgatga agtctngatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 380
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 380
 gacctgtggt gttgaagtct cgacactaga cgggtagnat gctgtcaagt gccccagacg 60
 ggatcaagac tccaatgaca accntaagat tccctaaagc taagacactg caaaaaaat 120
 a 121

<210> 381
 <211> 118

<212> DNA
 <213> Mus musculus

<400> 381
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acattgcaaa aaaaaaaa 118

<210> 382
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 382
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgc 105

<210> 383
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 383
 ctagactgag tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg 60
 ggatcaagac tccantgacn accataagat tccctaaagc taagacactg cagaaaaaaaa 120
 aaa 123

<210> 384
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 384
 gcttgctgaa gagganataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 togtccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccc aagactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 385
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 385
 agactgagtg atgaagtctc gatnctagac gggagatgct gccaaagtgtc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 386
 <211> 118

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 386
tagaggagtg tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacggtat 60
caagactcca atgacaacca taagattccn taaagctaag aactgcaaa aaaaaaaa 118

<210> 387
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 387
gtgatgaagt ctogatccta gacgggagan gctgccaaagt gccccagacg ggatcaagac 60
tccaatgaca nccataagat tccctaaagc taagacactg caaaaaaaaa aa 112

<210> 388
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 388
ctgaggtgat gaagtctcga tcctagacgg gagatgctgc caagngcccc ngacgggatc 60
aagactccnn tgannancat nagattccct naagntaaga cactgcagaa aaaaaaaa 118

<210> 389
<211> 122
<212> DNA
<213> Mus musculus

<400> 389
agactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaggcta agacactgca ggaaaaaaaa 120
aa 122

<210> 390
<211> 116
<212> DNA
<213> Mus musculus

<400> 390
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 391
<211> 102
<212> DNA
<213> Mus musculus

<400> 391
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag ac 102

<210> 392
<211> 102
<212> DNA
<213> Mus musculus

<400> 392
tgagaagggt ggagttttta tgattcaggg ggctctggcg gccaggctgg gcgatatggt 60
ccgcacctag actgttgagc tgggggtaga ggaaaaaaaa aa 102

<210> 393
<211> 133
<212> DNA
<213> Mus musculus

<400> 393
gaggtgcgcg tgtcgccccga ggccgcggcg acggagcgat tctcacggag gaaggagcac 60
cgccaacagg gcctgactgc gtacagacat gtccccctca ataaaattgc agttgaaatg 120
gaaaaaaaaa aaa 133

<210> 394
<211> 117
<212> DNA
<213> Mus musculus

<400> 394
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcocca gacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 395
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 395
ctgggtgatg aatctcgatc actanacggg agatgctgcc aagtgcocca nacgggatcn 60
agactccaat gacaaccata agattcccta aagctaanac actgcactaa aaaaaaa 118

<210> 396
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 396
acactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagtg ccccagacgg 60
gatcaagact ccaatgacna ncataagatt ccctaaagct aagacactgc agaaaaaaaa 120
aa 122

<210> 397
<211> 111

[illegible]

<210> 398
<211> 108
<212> DNA
<213> Mus musculus

<400> 398
cctgaggtga tgaagtgtng atcactagac gggagatgct gccaaagtgcc ccagacggga 60
tcaaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgc 108

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<400> 399
acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa      120
a                                                    121
```

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<400> 400
ctgagggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaaq acactgcaaa aaaaaaaaaa     118
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<400> 401
gactgaggtg atgaagtctc gatcactaga cggggagatg ctgccaagtg cccagacgg      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa     120
a                                          121
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<400> 402
acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc ccgagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120
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72

<400> 403
 actgaggtga tggagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcgaa aaaaaaaaa 119

<210> 404
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 404
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactctgaa aaaaaaaaa 119

<210> 405
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 405
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaa aaaaaaaaa 118

<210> 406
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 406
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc tanagctaag acactgctaa aaaa 114

<210> 407
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 407
 cactgaggta atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatggcaac cataagattc cctaaagcta agacactgca aaaaaaaaa 120

<210> 408
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 408
 caactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaatggat 60
 atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagtgc 120
 cccagccctc cacattcctc caatggccat tcgcccgaag actcatccac gagccccatt 180
 aaaaaaaaaa 190

<210> 409
 <211> 193
 <212> DNA
 <213> Mus musculus

<400> 409
 gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaatggat 60

atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagttc 120
cccagccctc cacattcctc caatggccat tcgcccgaag actcatccac gagccccatt 180
aaaaagaaaa aga 193

<210> 410
<211> 122
<212> DNA
<213> Mus musculus

<400> 410
agcactgagg tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg 60
ggatcaagac tccaatgaca accataagat tccctaaagc taagacactg caaaaaaaaa 120
aa 122

<210> 411
<211> 119
<212> DNA
<213> Mus musculus

<400> 411
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaa 119

<210> 412
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 412
tgaggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacggggatc 60
aagactccan tgacaaccat angattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 413
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 413
tccagactga gggattttatc aaagatgtcc cgaagactcc ctccagttgt ttttgaaaat 60
aattgggcaa ccanaaacgc caggttccgt ttaatgaagt gcgattacca ccaccacctg 120
atataaaaaa aaa 133

<210> 414
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 414

gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacanc cataagnttc cctaaagcta agacactgc 109

<210> 415
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 415
ttacacactg ggtgatgaag tctcgatcac tagacgggag atgctgcaa gtgccccaga 60
cgggatcaag nctncaatga caaccataag attccctaaa gctaagacac tgca 114

<210> 416
<211> 121
<212> DNA
<213> Mus musculus

<400> 416
taaacctggg tgatgaagtc tcggtcctag acgggagatg ctgccaagtgc cccagacgg 60
gatcaagact ccgatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
a 121

<210> 417
<211> 117
<212> DNA
<213> Mus musculus

<400> 417
agactggtgt gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacggggatc 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 418
<211> 108
<212> DNA
<213> Mus musculus

<400> 418
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgccc cagacggggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgca 108

<210> 419
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 419
gtgatgaagt tttcgatcac tagacgggag atgctgcaa gtgccccaga cgggatcaag 60
actccaatga caaccatang attccctaaa gctaagacac tgc 103

<210> 420
<211> 110
<212> DNA
<213> Mus musculus

<400> 420
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca 110

<210> 421
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 421
 tgtgagacca tttgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc 60
 ccagacggga tcaagactcc antgacaacc ataagattcc ctaaagctaa gacactgcaa 120
 aaaaaaaaaa 129

<210> 422
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 422
 tgaagtctcg atcctagacg ggagacgctg ccaagtgtccc cagacgggat caagactcca 60
 atgacaacca taagattccc taaagctaag aactgtcaaa aaaaaaaaa 108

<210> 423
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 423
 gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgc 108

<210> 424
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 424
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 425
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 425
 actgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 426
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 426
 ttgacacact gaggtgatga agtctcgatc ctagacggga gatgctgcca agtgccccag 60

acgggatcaa gactccaatg acaaccataa gattccctaa gctaagacac tgcagaaaaa 120
aaaaa 125

<210> 427
<211> 117
<212> DNA
<213> Mus musculus

<400> 427
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcgaaa aaaaaaa 117

<210> 428
<211> 111
<212> DNA
<213> Mus musculus

<400> 428
tgatgaagtc tcgatcctag acgggagatg ctgccaaagt cccagacgg gatcaagact 60
ccaatgacaa ccacaagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 429
<211> 120
<212> DNA
<213> Mus musculus

<400> 429
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 430
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 430
tgatgaagtc tcgatcacta gacgggagat gctgccaa gn gcccngacg ggatcaagac 60
tccnntgacn accatnagat tccctnaagn taagacactg caaaaaaaaaa aa 112

<210> 431
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 431
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcacca gacgggatca 60
agactccaat gacnaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 432
<211> 120
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 432
 cacttaggtg atgaagtctc gatcactaga cgggagatgc tgccangtgc ccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 433
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 433
 gtgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga tcaagactcc 60
 aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 110

<210> 434
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 434
 agacactgag gtgatgaagt ctcgatcact agacggggaga tgctgccaag tgccccagac 60
 gggatcaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcaaaaaaaaaa 120
 aaa 123

<210> 435
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 435
 ctgggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
 aagactncaa tggcnaccat aaganttccc taaagctaag aactgc 107

<210> 436
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 436
 aagactgggt gtgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 437
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 437
 tgaggtgatg aagtctcgat cctagacggg agatgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 438
 <211> 131
 <212> DNA

<213> Mus musculus

<400> 438
gactgagtat ggcaactgagg tgatgaagtc tcgatacctag acgggagatg ctgccaaagtg 60
ccccagacgg gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc 120
aaaaaaaaa a 131

<210> 439

<211> 122

<212> DNA

<213> Mus musculus

<400> 439
agactgaggt gataaagcct cgatacactag acgggagatg ctgccaaagtg cccagacgg 60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaaaaaa 120
aa 122

<210> 440

<211> 269

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 440
attgtcttgc tgtgtgttct cttgttaacc agctgcctca actacagaga ttttctgcct 60
tgctcttaag tgctggatan ngaacgcntn aaaccaccnn naacccccca atccttgact 120
ctccccaggg gactggccac caaccaaaga atacacntgg ngggaccagg ctgcaaatgt 180
gacagaggat gaccttggtg accatctgat ctaaagggaa tgggagaagc aaagaaaaac 240
atcttctgat ccctatatgc aaaaaaaaa 269

<210> 441

<211> 119

<212> DNA

<213> Mus musculus

<400> 441
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaa 119

<210> 442

<211> 120

<212> DNA

<213> Mus musculus

<400> 442
agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc gatgacaacc ataagattcc ctaaagctaa gacactgcaa aagaaaaaaaa 120

<210> 443

<211> 119

<212> DNA

<213> Mus musculus

<400> 443
gactgggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaa 119

<210> 444

<211> 118

<212> DNA
<213> Mus musculus

<400> 444
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 445
<211> 110
<212> DNA
<213> Mus musculus

<400> 445
gtgaagtctc gatcactaga cgggagatgc tgccgagtgc cccagacggg atcaagactc 60
caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 110

<210> 446
<211> 104
<212> DNA
<213> Mus musculus

<400> 446
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacaaccgta agattcccta aagctaagac actg 104

<210> 447
<211> 122
<212> DNA
<213> Mus musculus

<400> 447
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gagaaaaaaa 120
aa 122

<210> 448
<211> 117
<212> DNA
<213> Mus musculus

<400> 448
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 449
<211> 114
<212> DNA
<213> Mus musculus

<400> 449
gtgatgaagt ctcgatcact agacgggaga tgctgccaag tgccccagac gggatcaaga 60
ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 450
<211> 118
<212> DNA
<213> Mus musculus

<400> 450
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 451

<211> 116
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

 <400> 451
 ccatgggtgt aaagcctcaa tcactagacg gganatgctg ccaagngccc cagacggnat 60
 caagactcca atgacnacca taagattccc taaagctaag aactgcaaa aaaaag 116

 <210> 452
 <211> 120
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

 <400> 452
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagctn agacactgca aaaaaaaaaa 120

 <210> 453
 <211> 123
 <212> DNA
 <213> Mus musculus

 <400> 453
 gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtgc cccagacggg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaagaaaaa 120
 aaa 123

 <210> 454
 <211> 121
 <212> DNA
 <213> Mus musculus

 <400> 454
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

 <210> 455
 <211> 124
 <212> DNA
 <213> Mus musculus

 <400> 455
 aagccctttg gtgatgaagt ctcgatcact agacgggaga tgctgccaag tgccccagac 60
 gggattaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa 120
 aaaa 124

 <210> 456
 <211> 116
 <212> DNA
 <213> Mus musculus

 <400> 456

aggtgatgaa gtctcgggtca ctagacggga gatgctgcc aagtccccag acgggatcaa 60
gactccaatg acaaccttaa gattccctaa ggctaagaca ctgcagaaaa aaaaaa 116

<210> 457
<211> 120
<212> DNA
<213> Mus musculus

<400> 457
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 458
<211> 121
<212> DNA
<213> Mus musculus

<400> 458
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 459
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 459
ccgtttgaag tctcgtccta gacgggagac gctgcnagtgc cccagacggg gatcaagact 60
ccaatgacna ccataagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 460
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 460
agactgggtg tgaagtctcg tcactagacg ggagatgctg nccaagtgcc ccagacggga 60
tcaagactnc catgncaacc aataagattc cctaaagcta agacactg 108

<210> 461
<211> 105
<212> DNA
<213> Mus musculus

<400> 461
gtctcgatca ctagacggga gatgctgcc aagtccccag acgggatcaa gactccaatg 60
acaaccataa gattccctaa agctaagaca ctgcacaaaaa aaaaa 105

<210> 462
<211> 109
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 462
 gactgaggtg atgaagtctt gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacnac cataagattc cctaaagcta tgacactgc 109

<210> 463
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 463
 cctgaggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaa 119

<210> 464
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 464
 cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
 ccccaggtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 465
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 465
 atgtctctat actccagcca gccagctggt gacgtgatag gcagaaggga ttggagagac 60
 acaggtaaaag aagcccaatg agttattaaa ggtctatatt taaatctact ggtacaaaaa 120
 aaaaa 125

<210> 466
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 466
 cgatgtctct atactccagc cagccagctg ttgacgtgat aggcagaagg gattggagag 60
 acacaggtaa agaagcccaa tgagttatta aagggtctata tttaaactcta ctggtacaaa 120
 aaaaaaga 128

<210> 467
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 467
 ctatactcca gccagccagc tgttgacgtg ataggcagaa gggattggag agacacaggt 60
 naagaanccc aatgagttat taaaggnta tatttaaatac tactggtaca aaaaaaaga 120

<210> 468

[illegible]

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<210> 469
<211> 104
<212> DNA
<213> Mus musculus
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<210> 470
<211> 138
<212> DNA
<213> Mus musculus
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<210> 471
<211> 167
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G
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<210> 472
<211> 110
<212> DNA
<213> Mus musculus
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<210> 473
<211> 158
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G
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84

ggtgncgtna taggcagaag ggattgnnna gacacaggta angangccca atgagttatt 120
aaaggtctat atttaaactct actggtacaa aaaaaaaa 158

<210> 474
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 474
tcgaatgtct ctatactcca gccagccagc tgttgacgtg ataggcanaa gggattggag 60
agacacagggt aaagaagccc aatgagttat taaaggtcta tatttaaact tactggtaca 120
aaaaaaaaa 129

<210> 475
<211> 189
<212> DNA
<213> Mus musculus

<400> 475
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 476
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 476
ctggctgcag tgctgcctcg tcnatgtctc tatactccag ccagccagct gttgacgtga 60
taggcagaag ggattggaga gacacangta aagaagccca atgagtnatt aaaggtctat 120
atttaaactct actggtacaa aaaaaaaga 149

<210> 477
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 477
gtctctatac tccagccagc cagctgttga cntnatangc agaagggatt ggagagacac 60
aggtnaagaa gcccantgag ttattaaagg tctatattta annctactgg tacaaaaaa 119

<210> 478
<211> 150
<212> DNA
<213> Mus musculus

nggtntatat ttaaatctac tggttc

146

<210> 483
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 483	
atgtagccat ggctactagg ctagcngatg ctgcctcgt cgattgtctc tatactccag	60
ctcanncagc tgtctgacng tgataggcan aaggcnattgg agagacacag gtagnanaan	120
cccaatgagt tattaaaggt ctatatittaa atctactggt acaa	164

<210> 484
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 484	
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat nctgtnncta cagagaaaac ggccccgaaa cggaagtncc	120
ccagccctgc acattcctcc aatgnccatt cnccccacna ctcacccacg agccccatta	180
aaaaaaaaa	189

<210> 485
<211> 189
<212> DNA
<213> Mus musculus

<400> 485	
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc	120
ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcacccacg agccccatta	180
aaaaaaaaa	189

<210> 486
<211> 188
<212> DNA
<213> Mus musculus

<400> 486	
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat	60
ctctactcgc tccaaagatc ctgtctctac agagaaaac gccccgaaac ggaagttccc	120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa	180
aaaaaaaaa	188

<210> 487
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)

<223> n = A,T,C or G

<400> 487

gactgagatg	agctccagta	cctgcactnt	ancccagaag	ccctgaagtg	tgggccccgt	60
accctctgta	cccagcggag	ttagcgctg	ctcttcctcc	tcctgcccgt	ttcacctacc	120
ccgcttcact	gcatgccag	aggcncgtgta	nacatgccta	ngannncact	tongannntt	180
gganactnct	ncagcacatg	atgatgcngc	nctgggaang	ngmntgncac	atatnaacct	240
actgcagacn	atnaaaggga	gcttntnagg	ggaatntatt	acnaaccac	tnocttcccc	300
ttttgnaaaa	nanaactgtt	nttnacaat	gtttgaaaaa	aatcaataaa	aa	352

<210> 488

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 488

atgtctctat	actccagcca	gcengetgtt	gacgtgatag	gcatganggg	attggagaga	60
cacaggtaaa	gaagcccaat	gagttattaa	aggcctatat	ttaaactctac	tggtacaaaa	120
aaaaaa						126

<210> 489

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 489

actgggctgg	atctggctgc	agtgcnnnct	cgctgatgtc	tctatactcc	agccagccag	60
ctgttgacgt	gataggcagg	agggattgga	gagacacagg	taaagaagcc	caatgagtta	120
ttaaaggctct	atatttaaat	ctactggtac	aaaaaaaaa			160

<210> 490

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 490

ggctgcctca	acaatgacna	tatactccng	ccanccagct	gttnacgtga	tatgcagaag	60
gnattgnaga	gacacangta	aagaggccca	atgagttatt	aaaggncat	atttaaatct	120
actggt						126

<210> 491

<211> 131

<212> DNA

<213> Mus musculus

<400> 491

aggcgatgtc	tctatactcc	agccagccag	ctgttgacgt	gataggcaga	agggattgga	60
gagacacagg	taaagaagcc	caatgagtta	ttaaaggctct	atatttaaat	ctactggtac	120

aaaaaaaaag a

131

<210> 492
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 492
ctgggtgtga atctcgatcc tanacgggag atgctgccaa gtgccccaga cgggatcaag 60
actocaatga caaccataag attccctaaa gctaagacac tg 102

<210> 493
<211> 119
<212> DNA
<213> Mus musculus

<400> 493
gactgggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcgaa aaaaaaaaa 119

<210> 494
<211> 102
<212> DNA
<213> Mus musculus

<400> 494
gggtgtgaag tctcgatccc agacgggaga tgctgccaag tgccccagac gggatcaaga 60
ctccaatggc aaccataaga ttccctaaag ctaagacact gc 102

<210> 495
<211> 118
<212> DNA
<213> Mus musculus

<400> 495
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaa aaaaaaaa 118

<210> 496
<211> 118
<212> DNA
<213> Mus musculus

<400> 496
gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa aaaaaaaa 118

<210> 497
<211> 192
<212> DNA
<213> Mus musculus

<400> 497
ggacacactg agcttggtctg aagaggaaat aaaaactgag caggaggtgg tggagggaat 60
ggatatctct actcgctcca aagatcctgt ctctacagag aaaacggccc cgaaacggaa 120
gttccccagc cctccacatt cctccaatgg ccattcgccc caagactcat ccacgagccc 180
caaaaaaaaa aa 192

<210> 498
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 498
 actgaggtga tgaagtctcg atcactagac gggagatgct gccaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 499
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 499
 gagatcctgc tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc 60
 ctccaatggc cattcgcccc aagactcatc cagcagcccc attaaaaaaaa aaa 113

<210> 500
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 500
 cccccctttc actgcagcng gntctggctg cantgctgcc tcgnacgatg tctctatact 60
 ccagccagcc agctgttgac gtgatangca caagggattg gagagacaca ggtaaagang 120
 cccantgagt tattaaaggt ctatatatta atctactggt aaaaaaaaaa aa 172

<210> 501
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 501
 cctgtctcta cagagaaaac ggccccgaaa cggaagttcc ccagccctcc acattcctcc 60
 aatggccatt cgccccaaga ctcatccacg agccccatta aaaaaaaaaa 109

<210> 502
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 502
 ctggcctggc tgcagtgctg cctcgtcgat gtctctatac tccanccagc cagctgttga 60
 cgtgataggc agaagggtt ggagagacac aggtannгаа gcccaatgag ttattaaagg 120
 nctatatatta aatctactgg taaaaaaaaa aa 152

<210> 503
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 503

tctggctgca gtgctgcctc gtcgatgtct ctatactcca gccagccagc tgttgacgtg 60
ataggcagaa gggattggag agacacaggt aaagaagccc aatgagttat taaaggtcta 120
tatttaaate tactggtaca aaaaaaaaaa 149

<210> 504
<211> 119
<212> DNA
<213> Mus musculus

<400> 504
agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 505
<211> 194
<212> DNA
<213> Mus musculus

<400> 505
ttgaagactg agcttggctg aagaggaaat aaaaactgag caggaggtgg tggaggggaat 60
ggatatctct actcgtctcca aagatcctgt ctctacagag aaaacggccc cgaaacggaa 120
gttccccagc cctccacatt cctccaatgg ccattcgccc caagactcat ccacgagccc 180
cattaaaaaa aaaa 194

<210> 506
<211> 124
<212> DNA
<213> Mus musculus

<400> 506
gttgagactg tggtttgaag tcttgatcct agacgggaga tgctgccaag tgccccggac 60
gggatcaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa 120
aaaa 124

<210> 507
<211> 121
<212> DNA
<213> Mus musculus

<400> 507
aagactgggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccggacggg 60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 508
<211> 120
<212> DNA
<213> Mus musculus

<400> 508
agactgggtg tgaagtctcg atcactagac gggagatgct gccaaagtgc ccggacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 509
<211> 121
<212> DNA
<213> Mus musculus

<400> 509
agactgggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 510
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 510
 aaagatggcg cagagattca acganctgga tgcttttnca gaggaccac cnagngggtc 60
 acanccgatc acttacaanag ggacgggcat cctcttctga cctctgagga cattgtacat 120
 gcatgggtgca tagatttaca tgcaagcaaa cgcctgtaca cgtaaaataa gtaataaaaag 180
 tctttaacac at 192

<210> 511
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 511
 tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagntncc cagcccttca 60
 cattcctcca atggccattc gncccaagac tcatccacga gccccattaa aaaaaaaaa 118

<210> 512
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 512
 ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
 gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttgtttg attaaaaaaaa aaa 143

<210> 513
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 513
 ggctgaacag gagaatccca nattgccttc actcacaaga tctggcagcc agagccccga 60
 gtcccccaag cccagtgagc agttcaata taaaaccgca cataataaga aaagtgaagc 120
 accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 514
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)

<223> n = A,T,C or G

<400> 514
tgtcttcact cacaagatct ggcagncaag agccccgagt cccccaagcc cagtgagcag 60
ttcaaataata aaaccgcaca taacaagaaa agtgaagcac catgaaactc ttgtttgatt 120
gaaaaaaaaa aa 132

<210> 515
<211> 113
<212> DNA
<213> Mus musculus

<400> 515
agatcctgtc tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc 60
ctccaatggc cattcgcccc aagactcatc cacgagcccc attaaaaaaaa aaa 113

<210> 516
<211> 157
<212> DNA
<213> Mus musculus

<400> 516
gactgagctt tgaattcatg agaaagaaga gtgtgaaaca agaagcaaag atcgggttg 60
aagagggcaa gaggaaaggg ggggatggaa ggaaaccctg cagccaccaa cacaataaac 120
acaataaact gtatcctgac cacctcaaaa aaaaaaa 157

<210> 517
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 517
actgaggaaag tttggtgagc ggncctccacc cannegactc actaggggaag ctatgcnaca 60
ttatttaanc agaacgatgg ggatcaaaca gtgctcatto ttcatgcaaa agttgcacag 120
aagtctnacg gaaatgaaaa acgattnttt tgccctctctc cttgtgtg 168

<210> 518
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 518
aaaactactc tgcatatnac tcttcacaag catnaacaag tgatcttcca cccctctgcc 60
tctcctctgc aanaacagcn agtgcctctta acctgttaat catggagcat tttcactag 119

<210> 519
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)

<223> n = A,T,C or G

<400> 519
gaaaactact ctgcataatna ctcttcanaa gcantaacaa gtgatcttcc acccctctgc 60
ctctcctctg cnagaacagc nagtgctctt aacctgttaa tcatggagca ttttcactag 120
cataaaagaa aaaa 134

<210> 520
<211> 118
<212> DNA
<213> Mus musculus

<400> 520
ctgaggatgat gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacgggato 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcagaa aaaaaaaaa 118

<210> 521
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 521
ctgaggatct agactgaggt gangaagnct cgatcctaga cgggagatgc tgccaagtgc 60
cccagacggg atcaagactc caatgacnac cataagattc cctaaagcta agacactgca 120

<210> 522
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 522
tttgacacac tgagcttggc tgaanaggaa ataaaaactg agcaggaggt ggtggaggga 60
atggatatct ctactcgctc canagatnct gtctctacag agaaaacggc cccgaaacgg 120
aagttcccca gccctccaca ttcctccaat ggccattcgc cccaagactc atccacgagc 180
cccatataaaa aaaaaa 196

<210> 523
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 523
ctagggaagc tatgcnanat natttaaaag aacgagggga tcaaacagtgc ctcattcttc 60
atgcaaaagt tgcacagaag tcttacggaa atgaaaaacg atttttttgc cctcctcctt 120
gtgtgtatct tatgggcagt ggttggaata aaaaaa 157

<210> 524
<211> 116

<212> DNA
<213> Mus musculus

<400> 524
ctgggtgtga agcctcgatc ctagacggga gatgctgcca agtgccccag acgggatcaa 60
gactccaatg acaaccataa gattccctaa agctaagaca ctgcagaaaa aaaaaa 116

<210> 525
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 525
acagactgag cttggctgaa gangaaataa aaactganca ggaggtggng ggaggggaatg 60
gatatctnta ctgctccaa agatcctgtc tctacagaga aaacggcccc gaaacggaag 120
ttccccagcc ctccacattc ctccaatggc cattcgcccc aagactcatc cacgagcccc 180
attaaaaaaaa aaa 193

<210> 526
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 526
ccctgacgga gctggancta caatgcnact gngaaaaacta ctntgcatat nacnnttcac 60
aagcagtaac aagtgaactt ccacccctct gcctctcctc tgcaaagaac agcaagtgtc 120
cttaacctgt taatcatgga gcattttcac tagcaaaaaa aaaa 164

<210> 527
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 527
tcaatttaca cctgcgatca ctgncancan gacttcaagt ctctggcnaa cctgacggac 60
nnccggcccc accgctgtcc tggaggtaat gctaaatagc gccgggattc tgacaggtgg 120
ttacacggat aattggacat agcaccagct tgaagcctca cgtgagatta aagaattant 180
aatgtaaaaa aaaaaa 196

<210> 528
<211> 178
<212> DNA
<213> Mus musculus

<400> 528
aggtcagtca gctccccctgg tggagctgga gctacaagca actgtgaaaa ctactctgca 60
tattactctt caaaggcagt aacaagtgat cttccacccc tctgcctctc ctctgcaagg 120
aacaagcaag tgctcttaac ctgttaatca tggagcattt tcactaataa caaaaaaa 178

<210> 529
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 529	
gactgaggct gaagaggnga atcccatatt gcnttcactc acaagatctg gcagccagag	60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag	120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaa	158

<210> 530
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 530	
caccctgagg cctgtgctnc atactgnttt gaagataana aacctgcttg gctngnaang	60
aggttcccaa atggggaaac tcaatagtag ttccctgtg ccaccactct gggcctttta	120
atgccaagaa agaattcagc cgcagaagac cttggagatg gtggcggacg tgcagaatga	180
tggaggactt gcagaaacca tngaccccg cccacccaaac ctttt	225

<210> 531
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 531	
aggaccacc caggggntca caaccgttca nttccanagg gacgggcatc ctnttntgac	60
ctntgaggac ntngtacatg catggggcat agattcacat gcaagcaaac gcctgtncac	120
gtaaagtaaa gtaacaaaaa gtctttacca cacaaaaaaa aa	162

<210> 532
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 532	
aactgagtga gagactgaga tgaaaagant gngagagacn ggcttgcttt tnnagaggac	60
nantcncgag gnncagaacc ngccnacttn cagagggact gggcatacta ttctgacctn	120
tgaggacatt gaacatacat ggngcataga ttacatgca agcaaacgcc tgtacacgta	180
aaataagnaa taaaagtctt taacaca	207

<210> 533

<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 533
agactgaggt ggttgaagac tgggggcnng agngctttgn aaacagaaga cctgcaggaa 60
atgccgagta atgacttggt ttggttcacc ctccctgctc ccgtcttctt ttaaaacaaa 120
taaacggaat ggaaacgccc acattactta caaaaaaaaa a 161

<210> 534
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 534
ttctgacctc tgaggacatt gnacatgcat ggtgcataga tttacatgca agcaaacgcc 60
tgtacacgta aaataagtaa taaaagtctt taacacgaaa aaaa 104

<210> 535
<211> 188
<212> DNA
<213> Mus musculus

<400> 535
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaaac gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gccccaagac tcatccacga gccccattaa 180
aaaaaaaaa 188

<210> 536
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 536
gtcagctccc ctggtggagn tggagctaca agcaactgng aaaactactc tgcatattac 60
tcttcaaaag cagtaacaag tgatcttcca cccctctgcc tctcctctgc aagaacagna 120
nagtgtcttt aacctgttaa tcatggagca ttttcactag c 161

<210> 537
<211> 120
<212> DNA
<213> Mus musculus

<400> 537
gactgaggtg atgaagtctg gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 538
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 538
 aggagtgcctt tgcaaacaga agacctgcag gaaatgccga gtaatgactt gtgttggttc 60
 accctccctg ctcccgctctt cttttaaaac aaataaacag aatggaaacg cccacaaaaa 120
 aaaaa 125

<210> 539
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 539
 ggggttggaag agatggcgca gagattacaa gagctggctg cttttccaga agacccaacc 60
 ccaggtgggt tcacaacccg ttcactttcc agaggggacg gggcatcctc ttctgacctc 120
 tggaggacat tgtacatgca tgggtcatag atttacatgc aaagcaaacg cctgtacacg 180
 taaaataagt aataaaagtc tttaacacat ctctttaaag ttcaaaaaaa aaaa 234

<210> 540
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 540
 agactgggct gaagaggaga atcccagatt gccttcaactt ncaaagaatc tggcngncn 60
 gagccccgag tcccccaagc ccagtgagca gttcaaatat aaaaccgcac ataacaagaa 120
 aagtgaagca ccatgaaact cttgtttgat taaaaaaaaa a 161

<210> 541
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 541
 ttggagactg ggctgaagag gagaatccca gattgccttc actcacaaga tctgggcagc 60
 cagagccccg agtcccccaa gccagtgag cagttcaaata ataaaaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 163

<210> 542
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 542
 aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
 agtcccccaa gccagtgag cagttcaaata atnaaaccgc acataacaag aaaagtgaag 120
 caccatgaaa ctcttgtttg attaaaaaaaa aaa 153

<210> 543
 <211> 155

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 543
ctgggttgaa gaggagaatn ccagattgcc ttcactcaca agatntggca gcctgagccc 60
cgagtccccc angcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcacatga aactcttggt tgattaaaaa aaaaa 155

<210> 544
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 544
gattgctttg caaacagaag acctgcagga aatgccgagt aatgacttgt gttggttcac 60
cctccctgct cccgtcttcc tttaaaacaa ataancagaa tggaaacgcc ca 112

<210> 545
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 545
tttacacact gagctgantn gagaatccca gtactgcctt cactcgcaag atctggcagc 60
cagagccccg agtcccccaa gccagtgag cagntcaaat ntaaaaccgc acataacaag 120
aaaagtgang caccatgaaa ctcttggttg attaaaaaaa aaa 163

<210> 546
<211> 160
<212> DNA
<213> Mus musculus

<400> 546
cagactgagg ctgaagagga gaatcccaga ttgccttcac tcacaagatc tggcagccag 60
agccccgagt cccccaagcc cagtgagcag ttcaaataa aaaccgcaca taacaagaaa 120
agtgaagcac catgaaactc ttgtttgatt aaaaaaaaaa 160

<210> 547
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 547

ttgagaattc	ctaaganggt	ncagaganta	caagagctgg	ctgcttttcc	agaggacca	60
cccacnggct	canaactcgt	tcactnnan	agggacgggc	ngnctcttct	gacctctgag	120
gacattgtac	atgcatgggt	gcatagattt	tacatgcaag	caaacgcctg	tncacgtaaa	180
aataagtaat	aaaagtcttt	aacacatcaa	aaaaaaaa			218

<210> 548
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 548	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 549
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 549	
ccagattgcc	ttcactcaca
agatctggca	gncagagccc
cgagtcccc	aagcccagtg
agcagttcaa	atataaaacc
gcacataaca	agaaaagtga
agcaccatga	antctctgtt
tgattaaaaa	aaaaa
	60
	120
	135

<210> 550
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 550	
tgaagaggag	aatcccagnt
tgccttcact	cacaagatct
ggcagccaga	gccccgagtc
ccccaaagccc	agtgagcagc
tcaaataata	aaccgcacat
aacaagaaaa	gtgaagcacc
atgaaactct	tgtttgatta
aaaaaaaaaa	
	60
	120
	149

<210> 551
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 551	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 552
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 552	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
aagatctggc	agccagagcc
ccgagtcccc	caagcccagc
gagcagttca	aatataaaac
cgcacataac	aagaaaagtg
	60
	120

aagcaccatg aagctcttgt ttgattgaaa aaaaaaaaa 158

<210> 553
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 553
 gaggtgaag aggagaatcc cagattgcct tctctcaca tgatctggca tgccagagcc 60
 ccgagtcgcc caagcccagt gagcagttca aatataaaac cgcacataac aagaaaagt 120
 aagcaccatg aaactcttgt ttgattaaaa aaaaaa 156

<210> 554
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 554
 cactgaggct gaagaggaga atcccagatt gccttcaactc acaagatctg gcagccagag 60
 ccccgagtcgcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 555
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 555
 aaggcgaaga acctacttgg acctcactgt tataggcctc ncttngnacc cctattatat 60
 tgcccagacat tgtcaaagtt ccccaccaca tnaaaggcca tcttontgtg caagctgntn 120
 cacacaggcc tctgaggaaa ttttntgtg ttctggaagc tctaaagaaa 170

<210> 556
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 556
 cagagccccc agtcccccaa gccagtgag cagttcaaata ataaaaccgc acataacaag 60
 aaaagtgaag caccatgaaa ctcttggttg attaaaaaaaa aaa 103

<210> 557
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 557
 tgagcttggc tgaagaggaa ataaaaactg agcaggaggt ggtggaggga atggatatct 60
 ctactcgctc caaagatcct gtctctacag agaaaaacggc cccgaaacgg aagttcccca 120
 gccctccaca ttcttccaat ggccattcgc cccaagactc atccacgagc cccattaaaa 180
 aaaaaa 186

<210> 558
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 558

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agactgaggc tgaaggggag aatcccagat tgccttcact cacaagatct ggcagccaga      60
gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa      120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa      159

```

```

<210> 559
<211> 159
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

```

```

<400> 559
acagactggg ctgaagagga naatcccaga ttgccttcct cacaagatct ggcagccaga      60
gccccgagtc ccccaagctc agtgagcagt tcaaataata naccgcacat aacaagaaaa      120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa      159

```

```

<210> 560
<211> 157
<212> DNA
<213> Mus musculus

```

```

<400> 560
agactgggct gaagaggaga atcccagatt gccttctcct caagatcttg cagccagagc      60
cccaggtccc ccaagcccag tgggcagttc aaatataaaa ccgcacataa caagaaaagt      120
gaagcaccat gaaactcttg ttgattaaa aaaaaaa      157

```

```

<210> 561
<211> 217
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

```

```

<400> 561
actgaggctg aagattacaa tnanctggct gcttttccag agggaccac ccagtgggnt      60
tcacaacccg ttccactttc cagaaggac ggggcacatc cttttgacct ctgnggacat      120
tgtacatgca tggngcatag atttacatgc aagcaaacgc ctgtncctgt aaaataagta      180
ataaaagtct ttaacacatc tctttaagaa aaaaaaa      217

```

```

<210> 562
<211> 215
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

```

```

<400> 562
tcattttctt ttcttttncn gtttacctna atttaacccc ncttttncn acactgnggc      60
atggactggc tgcagtgtc cctcgtatg gtctctatac tccagccagc cngctgntga      120
cgtnatnggc ngaagggatn ggngagacac aggtnaagaa ncccantgag ttattaaagg      180
tctatatatt aaatctactg gttcaaaaaa aaaaa      215

```

```

<210> 563
<211> 105

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<212> DNA
 <213> Mus musculus

<400> 563
 ccagctgttg acgtgatagg cagaagggat tggagagaca caggtaaaga agcccaatga 60
 gttattaaag gtctatatattt aaatctactg gtacaaaaaa aaaga 105

<210> 564
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 564
 ctgagcttgg ctgaagagga aataaaaact gagcaggagg tggaggagg aatggatatc 60
 tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
 agccctccac attctccaa tggccattcg cccaagact catccacgag ccccatataa 180
 aaaaaaa 187

<210> 565
 <211> 160
 <212> DNA
 <213> Mus musculus

<400> 565
 agaactgagg ctgaagagga gaatcccaga ttgccttcac tcacaagatc tggcagccag 60
 agccccgagt ccccaagcc cagtgagcag ttcaaatata aaaccgcaca taacaagaaa 120
 agtgaagcac catgaaactc ttgtctgatt aaaaaaaaaa 160

<210> 566
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 566
 gcctgggtct agaagtccga agagggtcagt cagctcccct ggtggagctg gagcccaagc 60
 aactgtgaaa actactctgc atattactct tcaaaagcag taacaagtga tcttccacc 120
 ctctgcctct cctctgcaag aacagcaagt ggctttaacc cggtaaac 168

<210> 567
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 567
 ctgaggtgat gaagtctcga ttactagacg ggagatgctg ccaagtgcc cggacgggat 60
 caagactcca ataacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

<210> 568
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 568
 ctgggtgtga agtctcgatc actagacggg agacgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 569
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(159)
 <223> n = A,T,C or G

<400> 569
 cagactgagc tttgaattcn ngagaangaa gagtgtgaaa caagaagcaa agatcgggtt 60
 ggaagagggc aagaggaaaag ggggggatgg aaggaaaccc tgcagccacc aacacaataa 120
 acacaataaa ctgtatcctg accacctcaa aaaaaaaaaa 159

<210> 570
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 570
 agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagt cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaaaaaa 120
 aa 122

<210> 571
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 571
 tcgatcacta gacgggagat gctgccaaagt gcccagacg ggatcaagac tccaatgaca 60
 accataagat tccctaaagc taagacactg cagaaaaaaaa aaa 103

<210> 572
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 572
 ctgtttgtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaaa 118

<210> 573
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 573
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcgaa aaaaaaaaa 119

<210> 574
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 574
 gccctgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagt ccctagacgg 60
 gatcaagact ccaatgncaa ccataagatt ncctaaagct aagacactgc agaaaaa 116

<210> 575
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 575
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaggcta agacactgca aaaaaaaaaa 120

<210> 576
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 576
ctgaggtgat gaagtctnga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

<210> 577
<211> 118
<212> DNA
<213> Mus musculus

<400> 577
actgagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc agccctccac 60
attcctccaa tggggccattc gcccgaagac tcattccacga gccccattaa aaaaaaaa 118

<210> 578
<211> 146
<212> DNA
<213> Mus musculus

<400> 578
gaggagaatc ccagattgcc ttacttcaca agatctggca ggccagagcc ccgagtcgcc 60
caagcccagt gagcagttca aatataaaac cgcacataac aagaaaagtg aagcaccatg 120
aaactcttgt ttgattaaaa aaaaaa 146

<210> 579
<211> 113
<212> DNA
<213> Mus musculus

<400> 579
atatggcagc cagagccccg agtcccccaa gccagtgag cagttcaaat ataaaaccgc 60
acataacaag aaaagtgaag caccatgaaa ctcttgttg attaaaaaaaaa aaa 113

<210> 580
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 580
gccttcactc acaagatctg gctgccagag ccccgagtcc ccccgcccag tgagcanttc 60
aaatatgaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg tttgat 116

<210> 581
<211> 157
<212> DNA

<213> Mus musculus

<400> 581

gactgaggct	gaagaggaga	atcccagatt	gccttcctca	caagatctgg	cagccagagc	60
cccagatccc	ccaagcccag	tgagcagttc	aaatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 582

<211> 157

<212> DNA

<213> Mus musculus

<400> 582

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagcccca	gtgagcagtt	caatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 583

<211> 157

<212> DNA

<213> Mus musculus

<400> 583

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagcccca	tgagcagttc	aaatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 584

<211> 158

<212> DNA

<213> Mus musculus

<400> 584

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagcccca	gtgagcagtt	caaataaaa	accgcacata	acaagaaaag	120
tgaagcacca	tgaaactcct	gtttgattaa	aaaaaaaa			158

<210> 585

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 585

aagaaattaa	attagccgtt	ttcgccgagg	cccgccagga	cggagcgatt	ctacggagga	60
aggagcacgc	caacagggcc	tgactgcgta	cagaaatgcc	ccccctcaat	aaaattgcng	120
ttgaaatgga	aaaaaaaaaa					140

<210> 586

<211> 110

<212> DNA

<213> Mus musculus

<400> 586

gactgaggct	atgaagtctc	gatcactaga	cgggagatgc	tgccaagtgc	cccagacggg	60
atcaagactc	cagtgcacac	cataagattc	cctaaagcta	agacactgca		110

<210> 587

<211> 112

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

 <400> 587
 ccatttgagg tgacgaagtc tctatcacta gacgggagat gctgccaagt gcccagacg 60
 ggatcaagac tccnttgaca accataagat tccctaaagc taagacactg ca 112

 <210> 588
 <211> 137
 <212> DNA
 <213> Mus musculus

 <400> 588
 gctctgggga gctccagaac tgaggatgat aagtctcgat cctagacggg agatgctgcc 60
 aagtgcccca gacgggatca agactccaat gacaaccata agattcccta aagctaagac 120
 actgcagaaa aaaaaaa 137

 <210> 589
 <211> 114
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

 <400> 589
 gtgatgaagt ctcgatcact agacgggaga tgctgccaag ngccccagac gggatcaaga 60
 ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

 <210> 590
 <211> 119
 <212> DNA
 <213> Mus musculus

 <400> 590
 tgaagtgatg aagtctcgat cactatgacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

 <210> 591
 <211> 122
 <212> DNA
 <213> Mus musculus

 <400> 591
 gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc gaaaaaaaaa 120
 aa 122

 <210> 592
 <211> 120
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(120)

<223> n = A,T,C or G

<400> 592

agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagccggga 60
tttngactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 593

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 593

agaggagaat cccagattgc nttactcac aagatctggc agccagagcc ccgagtcccc 60
caagcccagt gagcagttca aatataaaac cgcacataac angaaaagtg aagcaccatg 120
aaacacttgt ttgattaaaa aaaaaa 146

<210> 594

<211> 171

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(171)

<223> n = A,T,C or G

<400> 594

cagaggaccc acccagaggc tcacaaccgt tcacttccag agggacgggc atcctnttct 60
gacctctgag gacattgtac atgcatgggtg catagattta cntgcaagca aacgcctgta 120
cacgtaaaat aagtaataaa agtctttaac acatctcttt aaaaaaaaaa a 171

<210> 595

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 595

actgaggggg ttgaagactg ngggcgggag ngcttngcaa acnnaanacc tgcaggaaat 60
gccgagtaat gacttgtgtt gggtcaccct cctgtctccc gtcttctttt aaaacaaata 120
aacagaatgg aaacgccaga aaaaaaaaaa 149

<210> 596

<211> 191

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(191)

<223> n = A,T,C or G

<400> 596

gaaataacaa gagctggctg ctttnccaga ggaccacccc aggggctcac aaccgnncac 60

ttocagaggg acagggcatc ctcttctgac ctctgaggac attgtacatg catgggtgcat 120
agattttacat gcaagcaaac gcctgtacac gtaaganaag taataaaaagt ctttaacaca 180
tctcttttaa g 191

<210> 597
<211> 169
<212> DNA
<213> Mus musculus

<400> 597
agactgggtg gagactgagg ctgaagagga gaatcccaga ttgccttcct cacaagatct 60
ggcagccaga gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat 120
aacaagaaaa gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 169

<210> 598
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 598
agagaatccc agattgcctt cactcacaag atctggcagc cagagccccc agtcccccaa 60
gccagtgag cagttcaaat ataaaaaccgc acatancaag aaaagtgaag caccatgaaa 120
ctcttgtttg attaaaaaaaa aaa 143

<210> 599
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 599
tcacaagatc tggcancnag anccccgagt cccccaagcc cagtgagcng ttnaaannta 60
naaccgcaca tatcaganan aaggagaagc accatgaaac tcttgtttga ttaaaaaaaaa 120
aa 122

<210> 600
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 600
ttgttgacgg gctctcaagg cncacaaccg tnnactttca gagggacggg catactnttc 60
tgacctntga ggacattgna catgcatggt gcatagattt acatgcaagc aaacgcctgt 120
acacgtaaaa taagnaataa aagtctttta caaaaaaaaa a 161

<210> 601
<211> 189
<212> DNA
<213> Mus musculus

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<400> 601
aagactgagc ttggctgaag aggaaataaa aactgagcag gaggtggtgg agggaatgga      60
tattcttact cgctccaaag atcctgtctc tacagagaaa acggccccga aacggaagtt      120
ccccagccct ccacattcct ccaatggcca ttgcgcccaa gactcatcca cgagcccaa      180
aaaaaaaaa
<210> 602
<211> 160
<212> DNA
<213> Mus musculus

<400> 602
actgagcagg aggtggtgga gggaatggat atctctactc gctccaaaga tcctgtctct      60
acagagaaaa cgccccgaa acggaagtcc cccagccctc cacattcctc caatggccat      120
tcgccccaa gactcatcac gagccccatt aaaaaaaaaa      160

<210> 603
<211> 122
<212> DNA
<213> Mus musculus

<400> 603
ttagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct      60
ccacattcct ccaatgggcc attcgcccca agactcatcc acgagcccca ttaaaaaaa      120
aa
<210> 604
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 604
agactgaatg agctacagta cctgcacttt accccagtag ccctgaagtg tgggccccgt      60
accctctgta occagcggag ttagcgcttg ctcttcctcc tcctgccgnt ttcacctacc      120
ccgcttcaact gcatgccagc aggcncctgta tacatgcata cgagnacacn tctganntnt      180
gnaacttact gncaacatat gatgannget gtctgggaat gagcctggca catatcanac      240
ctactgcaga ccanaaacgg agcttncgcn cggaatgtat tanaacncnc tncctcactt      300
ttggaaanaa nancgtttct ttgacactgt ncgaaaganc caataaaaaa ttttaa      356

<210> 605
<211> 141
<212> DNA
<213> Mus musculus

<400> 605
agattattta aaagaacgag gggatcaaac agtgctcatt cttcatgcaa aagttgcaca      60
gaagtcttac ggaaatgaaa aacgattttt ttgccctcct ccttgtgtgt atcttatggg      120
cagtggttgg aaaaaaaaaa a
<210> 606
<211> 189
<212> DNA
<213> Mus musculus

<400> 606
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata      60
tctctactcg ctccaaagat cctgtctcta cagagaaaaa ggccccgaaa cggaagttcc      120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta      180

```

```

aaaaaaaaa
189

<210> 607
<211> 162
<212> DNA
<213> Mus musculus

<400> 607
agactgaggc tgaagaggag aatcccagat tgctttcact cacaagatct ggcagccaga    60
gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa    120
gtgaagcacc atgaaactct tgtttgatta aaaaaagaag aa                        162

<210> 608
<211> 119
<212> DNA
<213> Mus musculus

<400> 608
aactgagggtg atgagggtctc gatcctagac gggagatgct gccaaagcgc ccagacggga    60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa    119

<210> 609
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 609
gcgtgtcacc gatgccgtca ggacggagcg gattctnacg gnngaaggag cacgccaaaca    60
nggcctgact gcgtacagac atgtccccct caataaaaatt gcagttgaaa tggaaaaaaa    120
aaaaa                                                124

<210> 610
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 610
cactgagggtg atgagggtctc gatcactaga cgggagatgc tgccaagngc cccngacggg    60
atcaagactn cnntgacnac catnagattc ctaaagcta agacactgca aaaaaaaaaa    120

<210> 611
<211> 121
<212> DNA
<213> Mus musculus

<400> 611
gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg    60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa    120
a                                                    121

<210> 612
<211> 121
<212> DNA

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 612

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agagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagncct      60
ccacattcct ccaatggcca ttcgccccaa gactcatcca cgagcccat taaaaaaaaa    120
a                                                                    121
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<210> 613

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 613

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gaagtctcga tcactagacg ggagatgctg ccangtgccc cagacgggat caagactcca      60
atggcggnca taagattccc taaagctaag acactgcaga aaaaaaaaaa    109
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<210> 614

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 614

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agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtgc cccagacgn      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aggacactgc a          111
```

<210> 615

<211> 113

<212> DNA

<213> Mus musculus

<400> 615

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tgatgaagtc tcgatcacta gacgggagat gctgccatgt gcccagacg ggatcaagac      60
tccaatgaca accataagat tccctaaagc taagacactg cagaaaaaaaa aaa        113
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<210> 616

<211> 120

<212> DNA

<213> Mus musculus

<400> 616

```
cactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa    120
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<210> 617

<211> 157

<212> DNA

<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 617
gagcaggagg tggaggagg aatggatata tctactcgt ccaaagatcc tgtctctaca      60
gagaaaacgg ncccgaaacg gaagttcccc agccctccac attcttccaa tggccattcg      120
ccccaagact catccacgag ccccatataa aaaaaaa      157

<210> 618
<211> 120
<212> DNA
<213> Mus musculus

<400> 618
ccctgagggtg atgagggtctc gatcactaga cgggagatgc tgctaagtgc ccagacggg      60
atcaagagtc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 619
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 619
tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg ggatcaagac      60
tccaatgaca accataagat tccccaaagc tnagacactg cagaagaaaa aaaa      114

<210> 620
<211> 121
<212> DNA
<213> Mus musculus

<400> 620
gactgagggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg      60
atcaagagtc caatgacaac cataagattc cctaaagcta agacactgcg aaaaaaaaaa      120
a      121

<210> 621
<211> 101
<212> DNA
<213> Mus musculus

<400> 621
tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct ccaatggcca      60
ttcgcccaa gactcatcca cgagcccat taaaaaaaaa a      101

<210> 622
<211> 118
<212> DNA
<213> Mus musculus

<400> 622
tgaggatgatg aagtctogat cactagacgg gagatgctgc caagtgcgcc agacgggatc      60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcgaaa aaaaaaa      118

<210> 623
<211> 120

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<212> DNA
<213> Mus musculus

<400> 623
acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 624
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 624
aaacactgat gtgcgcgtgt cgccnaggcc ngacaggacg gagcgattct cacggaggaa      60
ggagcacagc acaacagggc ctgactgcgt acagaaatgc cccccctcaa taaaattgca      120
gttgaaatga aaaaaaaa      137

<210> 625
<211> 120
<212> DNA
<213> Mus musculus

<400> 625
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 626
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 626
acattgaggt gatgaagtct cgatcactan acgggagatg ctgccaagtg ccccngacgg      60
gatcaagact ccantgacaa ccataagatt ccctaaagct aagacactgc a      111

<210> 627
<211> 120
<212> DNA
<213> Mus musculus

<400> 627
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa      120

<210> 628
<211> 125
<212> DNA
<213> Mus musculus

<400> 628
gccagactga ggtgatgaag tctcgatcac tagacgggag atgctgccaa gtgccccaga      60
cgggatcaag actccaatga caaccataag attccctaaa gctaagacac tgcagaaaaa      120
aaaaa      125

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<210> 629
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 629
 agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgc ccagacggga 60
 tcaagactcc aatgacaacc ataagatccc ctaaagctaa ggcaactgcag aaaaaaaaaa 120

<210> 630
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 630
 tcccagattg ccttcactca caagatctgg cagccagagc cccgagtccc ccaagcccag 60
 tgagcagttc aaatataaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg 120
 ttgattgaa aaaaaaaaaa 139

<210> 631
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 631
 ctattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa gccagtgag 60
 cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa ctcttgtttg 120

<210> 632
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 632
 ggagaatccc agattgcctt cactcacagg atctggcagc cagagccccg agtcccccaa 60
 gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttgtttg attaaaaaaaa aaa 143

<210> 633
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 633
 attgccttct ctcaacaagat ctggnagccn gagncccag tnccccatgn ccagcgagca 60
 gttnanatat aaaaccgctc ataacaagaa aagtgaagca ccatgaaact cttgtttgat 120
 tagaaaaa 128

<210> 634
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 634
gctttttccaa gaggacccac ccaggaggct cacaaccngt tcacttccag agggacgggc 60
atcctcttct gacctctgag gacattgtac atgcatggtg catagattta catgcaagca 120
aacgcctgta cacgtaaaat aagtaataaa aggcttttagc acaca 165

<210> 635
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 635
gacaccgaga tttccaganc tggctgggtt tccagangac cccccagtgg ctnacaaccg 60
ttcactttca gagggacggg catcctcttc tgacctctga ggacattgtg catgcntggn 120
gcatatattt acatgcgagc aaacgcctgt gcacagtnaa ataagtaata aaagtnttta 180
tcacacaaaa aaaaa 195

<210> 636
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 636
aaacccctga ggctgaagag gagaatccca gattgccttc actcacaaga tctggcagcc 60
agagccccga gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaagn 120
aaagtgaagc accatgaaac tcttggttga ttaaaaaaaaa aa 162

<210> 637
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 637
aggaccacc cagtggctca caacnttca cttcnanang nacngncatc ctnttctgac 60
ctctgaggac attgtacatg catggagcat agatttacat gcaa 104

<210> 638
<211> 133
<212> DNA
<213> Mus musculus

<400> 638
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccc agtcccccaa 60
gccagttag cagttcaaat ataaaaacgc gcataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg att 133

<210> 639
<211> 223
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 639

gggttgga	gatggcacag	cagattacaa	gagctggctg	cttttccaga	ggacccaccc	60
agtgggctca	caaccggttc	actttccaga	nggacggggc	atccctcttc	tgacctntga	120
gagacatttg	nacatgcatg	ngtgcataga	tttacctgca	agcaaacngc	ctgtacacgt	180
aaaataagta	ataaaagtct	ttaacacatc	tcaaaaaaaaa	aaa		223

<210> 640

<211> 117

<212> DNA

<213> Mus musculus

<400> 640

actgagatcc	tgtctctaca	gagaaaacgg	ccccgaaacg	gaagttcccc	agccctccac	60
attactccaa	tggccattcg	cccgaagact	catccacgag	ccccattaaa	aaaaaaa	117

<210> 641

<211> 158

<212> DNA

<213> Mus musculus

<400> 641

cactgaggct	gaagaggaga	atccagagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtc	cccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaag	120
tgaagacca	tgaaactctt	gtttgattaa	aaaaaaaa			158

<210> 642

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 642

ggagagatgg	cgcagagatt	acaaganctg	gnttgctttt	tcagaggacc	nntccagngg	60
gtcacaacnc	gatcacttng	cagagggaca	nggcttccct	ntctgacctc	tgaggacatt	120
gtacatgcat	ggtgcatatg	atttacatgc	aagcaaacgc	ctntacacgt	aaaataagta	180
ataaaaagtct	ttaacacgaa	aaaaaaaa				208

<210> 643

<211> 133

<212> DNA

<213> Mus musculus

<400> 643

ctgggggcag	gagtgccttg	caaacagaag	acctgcagga	aatgccgagt	aatgacttgt	60
gttggttcac	cctccctgct	cccgtcttct	tttaaaacaa	ataaacagaa	tggaacgcc	120
cacaaaaaaaa	aaa					133

<210> 644

<211> 101

<212> DNA

<213> Mus musculus

<400> 644
acctgcagga aatgccgagt aatgacttgt gttggttcac cctccctgct cccgtcttct 60
tttaaaacaa ataaacagaa tggaaacgcc aaaaaaaaaa a 101

<210> 645
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 645
cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcngtt caaatataaa accgcacata acanagaaaa 120
gtgaagcacc atgaaactct tgtttgat 148

<210> 646
<211> 158
<212> DNA
<213> Mus musculus

<400> 646
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 647
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 647
ctttgctgaa gaggagaatc ctagattgcc ttactcaca agatctggca gccagagccc 60
cgagtcccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcaccatga aactcttggt tgattaaaaa aaaaa 155

<210> 648
<211> 119
<212> DNA
<213> Mus musculus

<400> 648
cagattgcct tcaactcaca gatctggcag ccagagcccc gagtccccca agcccagtgga 60
gcagttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa actcttggt 119

<210> 649
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 649
aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
agtcccccaa gcccagtgag cagttcaaat ataaaaccgc acataacang aaaagtgaag 120
caccatgaaa ctcttggttg attaaaaaaaa aaa 153

<210> 650
<211> 145
<212> DNA
<213> Mus musculus

<400> 650
gaggagaatt ccagattgcc ttactcaca agatctggca gccagagccc cgagtcccc 60
aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga agcaccatga 120
aactcttggt tgattaaaaa aaaaa 145

<210> 651
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 651
acactgaggt ggttgaanac tgggggcagg angngcntng caannatnat anctgnagga 60
aatgccngt aatgacttgt gttggttcac cctccctgct cccgtnttct tttaaaacaa 120
ataaacagaa tggaacgcc aaaaaaaaa a 151

<210> 652
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 652
tcccagactg aggtggttga agactgaggg caagantgct ntgangacat aananctgct 60
ngaaggngcn gtgnaatgac ttgngntggt tcaccctccc tgctcccgtc ttctttttaa 120
acaataaac agaattgaaa cgccaaaaag aaaaaa 156

<210> 653
<211> 160
<212> DNA
<213> Mus musculus

<400> 653
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattga aaaaaaaaa 160

<210> 654
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)

<223> n = A,T,C or G

<400> 654
caactgagggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagncaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgattg aaaaaaaaaa a 161

<210> 655

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 655
aatcccagat tgccttcact cacaanatnt ggcanccaga gccccgagtc ccccaagccc 60
agtgagcagt tcaaataata aaccgcacat aacaagaaaa gtgaagcacc atgaaactct 120
tgtttgattg aaaaaaaaaa 139

<210> 656

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 656
agactgggtg tgaagtctcg atnctaggcg ggagatgctg ccaagcgccc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactg 106

<210> 657

<211> 114

<212> DNA

<213> Mus musculus

<400> 657
ggtgatgaag tctcgatcct agacgggaga tgctgccaaag tgccccagac gggatcaaga 60
ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 658

<211> 141

<212> DNA

<213> Mus musculus

<400> 658
gcgtgagagg agaatcccag attgccttcc tcacaagatc tggcagccag agccccgagt 60
cccccaagcc cagtgagcag ttcaaataata aaaccgcac ataacaagaa aagtgaagca 120
ccatgaaact cttgtttgat t 141

<210> 659

<211> 169

<212> DNA

<213> Mus musculus

<400> 659
gcgagttgtg agcgctccc ccaacgactc ctagggaagc tatgcgaaat tatttaaaag 60
aacgagggga tcaaacagtg ctcatcttcc atgcaaaagt tgcacagaag tcttacgga 120

atgaaaaacg atttttttgc cctcctcctt gtgtgtatct tatgggcag 169

<210> 660
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 660
gagatgataa aaaaatagga aaaaaagatt acanngagct ggcttgcttt tccanaggac 60
ccacccagng gctcacaacc ngtncacttc cagagggaca gggcatcctc ttntgacctc 120
tgaggacatt gtacatgcat ggnagcatag atttacctgc aagcaaacng cctgtacacg 180
taaaaaagta ataaaagtct ttaacacaaa aaaaa 215

<210> 661
<211> 159
<212> DNA
<213> Mus musculus

<400> 661
agactgaggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaatataa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaa 159

<210> 662
<211> 139
<212> DNA
<213> Mus musculus

<400> 662
tgaagaggag aatcccagat tgccttcact cccaagatct ggcaagccag agccccgagt 60
cccccaagcc cagcgcagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120
catgaagctc ttgtttgat 139

<210> 663
<211> 173
<212> DNA
<213> Mus musculus

<400> 663
ttgaaccccc cttgaccctt gggctgacgg ggagaatccc agattgcctt cactcacaag 60
atctggcagc cagagccccg agtcccccaa gccagtgag cagttcaaat ataaaaccgc 120
acataacaag aaaagtgaag caccatgaaa ctcttgcttg attaaaaaaaa aaa 173

<210> 664
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 664
ctaccttgaa cttgtcattc ncctacctcc acctctgaag agctgggagt gcntgtgtgc 60
catgnaggct aggaaangna aggcgggctt ngntaaaggc ttntgnggcc nacctgggtgc 120
caggaggaat gnetcatgat cgcattggtg anaaagagac ctgactccan aaggctgcat 180
atacacactg gcacacatat gcacagtaaa taaatgtaat actaataaag aagtttctct 240

tcttttcatc gaaaaaaaaa aa

262

<210> 665

<211> 164

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 665

taatctagaa	tgaggnggaa	gaggacaann	gcagattgcc	ttcctcacan	gatctgnttg	60
ccagagccct	gagtcennca	agcccaggag	agcatgttca	aatataaaac	cgcacataac	120
anagaaaagt	gaagcaccat	gaaactcttg	tttgattaaa	aaaa		164

<210> 666

<211> 152

<212> DNA

<213> Mus musculus

<400> 666

gctgaagagg	agaatcccag	attgccttcc	tcacaagatc	tggcagccag	agccccgagt	60
cccccaagcc	cagtgcagcag	ttcaaatata	aaaccgcaca	taacaagaaa	agtgaagcac	120
catgaaactc	ttgtttgatt	gaaaaaaaaa	aa			152

<210> 667

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 667

ggctcacaac	cgtgcacttn	ctnagggacg	ggcatcctct	tctgacctct	gaggacattg	60
nacatgcatg	gggcatagat	ttacatgcaa	gcgaacgcct	gtacacgtaa	aataagtaat	120
aanagtcttt	aacacaaaaa	aaa				143

<210> 668

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 668

aaatgaaggg	actccttgng	taaaggcatc	tgccaccagt	cctggtgacc	anagttcaat	60
cctcaggatc	gcatggtgga	gaaagagacc	tgactccaga	aggctgcata	tacacactgg	120
cacacatatg	cacagtaaata	aaatgtaata	ctaataaaga	agtttctctt	cttttcatcg	180
aaaagaaaaa	aa					192

<210> 669

<211> 101

<212> DNA

<213> Mus musculus

tcanatataa aaccgcacat aacaagaaaa gtgaagcacc atgaaactct tgtttgatta 120
 aaaaaaaaaa 129

<210> 674
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 674
 aaccactgag gctgttgagg accattccan antggcnttc antnacaana tttggcagcc 60
 agagccccga gtcccccaag cccagtggag cagttcaaat ntaaaaccgc ccataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 163

<210> 675
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 675
 ctgggctgaa gaggagaatc ccagattgcc ttcaactcac agatctggca gccagagccc 60
 cgagtccccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcaccatga aactcttgtt tgattaaaaa aaaaa 155

<210> 676
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 676
 actgaggtaa catttcactt gttgcctttc cagtttcaag caccaactca ccaacaaaga 60
 ttttaccgaa anccttaggg ccaataaatg tgaatgttgg accccaaaaa aaaaaa 116

<210> 677
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 677
 ctgaggtgta agaggagaat cccagatngc cttcaactnac aagatctggn agccagagcc 60
 ccngtcccc caagcccagn gagcagntca antataaaac cgnacataac angaaaagtg 120
 nngcaccatg aaactcttgt ttgatgaaaa aaaaaa 156

<210> 678
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 678

aaaacctgca ggaaatgccg agtaatgact tgtgttggtt caccctccct gctcccgtct 60
tcttttataaa caaataaaca gaatggaaac gccaaaaaaa aaaa 104

<210> 679
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 679
tcatacgtatt ctgtttcttt ttcannttnt ataattctctt tctttttant tagtgtnttn 60
tnnagcngt ntttctcgng ntgntacac tnggattgtc tgcncngng ctgaagagga 120
gaatcccaga ttgccttcac tcacaagatc tggcagccag agccccgagt cccccaagcc 180
cagtgcagcag ttcaaatata aaaccgcaca tancaagaaa ggtgaagcac catgaaactc 240
ttgtttgatt aaaaaaaaaa 260

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
tttttcattc attgtggctg ngtnagagaat cccagattgc cttcactcac aagatctggc 60
agccagagcc ccgagtcacc caagcccagt gagcagttca aatataaaac cgcacataac 120
aagaaaagtg aagcnccatg aaactcttgt ttgattaaaa aaaaaa 166

<210> 681
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 681
cactgaggaa gtttggtgag cggncctccac ccggacgact cctatnggaa gctatgcgaa 60
attatttataa agaacgaggg gatcaaacag tgctcattct tcatgcaaaa gttgcacaga 120
agtcttacgg aaatgaaaaa cgattttttt gccctcctcc ttgtgtgtat cttatgggca 180
gtggttgga aaaaaaaaaa 199

<210> 682
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 682
ctgtgccacc actctgggcc ttttaatgcc nagaaagaat tcngccgcag aagaccttgg 60

agatggtggc ggacgtgcn aatgatggng gacttgcan aaccatggac ccngcccacc 120
 caaaccttc cgtaacacta aagtt 145

<210> 683
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 683
 ggcaggatgc tttgcaaaca gaagacctgc aggaaatgcc gagtaatgac ttgtgttggt 60
 tcacctccc tgctcccgtc ttctttttaa acaataaac agaatgnaaa cgccaaaaaa 120
 aaaa 124

<210> 684
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 684
 aacacgaaga cctgcaggaa atgccgagta atgacttgtg ttggttcacc ctccctgctc 60
 ccgtcttctt ttaaaacaaa taaacagaat ggaaacgcca aaaaaaaaaa 110

<210> 685
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 685
 ccacattgcc ttcaactcaca agatctggca gncagagccc cgagtncccc aagcccantg 60
 agcagttcaa atatannaac gcgcataaca agaaaagtga agcaccatga aactcttggt 120
 tgattaga 128

<210> 686
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 686
 gctgacgaga caatcccaga tgccttcaact aacaagatct gnnagctcag tagcccnng 60
 tcccncaagc ccagtgaaga gttcaaatat aaaaccgcac ataacaagaa aagtgaagca 120
 ccatgaaact cttgtttgat taaaaaaga agaa 154

<210> 687
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 687
 tctttatata ctgagctgaa gaagagaatc ccagatgcct tcaactcacia gatctggcag 60
 tcagagcccn gagtccccca agcccagtgga gcagctnaaa tataaaaccg cacataacaa 120
 ngaaaagtga agcaccanga aactcttggt tgattaaaaa a 161

<210> 688
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 688
 acctgctggga aatgccgagt aatgacttgn gtgggggtcac cctccctgct nccgtnttct 60
 ttttaaaacia ataaacagaa tggaaacgcc cacattactt actaaaaaaa aaa 113

<210> 689
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 689
 aagcaatccc agattgcctt cactcacaag catctaggca gccagagccc cgagtccccc 60
 aagcccagtg agcagttcaa atataaaacc gcacatgaca agaaaagtga agcaccatga 120
 aactcttggt tgattaaaaa aaaaa 145

<210> 690
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 690
 gctgaacaga gaatcccaga tgccttcact cacaagatct ggcagccaga gccccgagtc 60
 ccccaagccc agtgagcagt ttcaaatata aaaccgcaca taacangaaa agtgaagcac 120
 catgaaactc ttgnttgatt aaaaaaaaaa 150

<210> 691
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 691
 gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
 ccccagagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 692
 <211> 104
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 692
caccctaaacg actcactagg gtaagctatg cnanattatt taaaagaacg angggatcaa      60
acagtgtctca ttcttcatgc aaaagttgca cagaagtctt acgg                          104

<210> 693
<211> 144
<212> DNA
<213> Mus musculus

<400> 693
ggagaatccc agattgcctt cactcacaag atctggcagc ctgagccccg agtcccccaa      60
gccagtgag catgttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa      120
actcttgttt gattaataaaa aaaa                          144

<210> 694
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 694
agatctggca gccagagccc cgagtcccc aagcccagtg agcagttcaa atataaaacc      60
gcacataaca agnaaagtga agcaccatga aactcttggt tgattaataaaa aaaaa      115

<210> 695
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 695
gcctcccaga ctgaggggaag ctatncgaaa ttatttataaa gaacgagggg atcaaacagn      60
gctcattctt catgcaaaag ttgcacagaa gtnttacgga aatgaaaaac gatttttttg      120
ccctcctcct tgtgtgtatc ttatgggcag tggttggaag aaaaaaaaaa      169

<210> 696
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 696
gactgggggc gggggngctt tgcaaacnga agacctgcag gaaatgccga gtaatgactt      60
gtgttggttc accctccctg ctcccgtctt cttttataaac aaataaacag aatggaaacg      120
caagaaaaaa aaa                          133

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<210> 697
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 697
 cactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta 180
 aaaaaaaaaa 189

<210> 698
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 698
 ggtgagcggc ctccacccaa acgactnact anggaanctn tgcnaaatta ttnaaaagaa 60
 cnangggatc caacagtgtc cattcttcat gcaaaagttg cacagaagtc ttacggaaat 120
 gaaaaacgat tttt 134

<210> 699
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 699
 gaactgagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc ccagccctcc 60
 acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta aaaaaaaaaa 119

<210> 700
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 700
 cctgtctcta cagcagaaaa cggccccgaa acggaagttc cccagccctc cacattcctc 60
 caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 110

<210> 701
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 701
 agactgagac ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
 cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa aaaaaaaaaa 118

<210> 702
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 702
 ggtaacattt cacttggtgc ctttccagtt tcaagcacca actcaccaac aaagatttta 60
 ccgaaaacct tagggccaat aaatgtgaat gttggacccc t 101

<210> 703

<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 703
gaatcccaca ttgccttcac tcacangatc tgnanccag agccccgagt ccccangcc 60
cantgngcag ttcaaatata anaccgcgca taacaagana ngtgaagcac catgaaactc 120
ttgtttgatt aaaaaaaaaa 140

<210> 704
<211> 161
<212> DNA
<213> Mus musculus

<400> 704
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcaagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaatataa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta gaaaaaaaaa a 161

<210> 705
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 705
taccctgagg tggttncnac tggggncagg agtgctttgc agacagaaga cctgcaggaa 60
aatgccgant gatgacttgt gttggttcac cctccctgct cccgncttct tttaaaacaa 120
ntaaacatga ntggaaacgc aagaaaaaaaa aa 152

<210> 706
<211> 143
<212> DNA
<213> Mus musculus

<400> 706
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
gccagtgag cagttcaaat ataaaaaccg acataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg attaaaaaaaa aaa 143

<210> 707
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 707
ggagaatccc agattgcctt cactcacaag atctggcang ccagagcccc gagtccccca 60
agcccagtgag gcagttcaaa tataaaaccg cacataacaa gaaaagtgaag gcaccatgaa 120
actcttgttt gattaaaaaaaa aaaa 144

<210> 708
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 708
 gactgagctt ggctgaanag gaaataaaaa ctgagcanga ggnggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acatttctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 709
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 709
 aactgtgtt gaagaggggg aggcctcgga cttctcgctg tcctggangt aatgctaaat 60
 agcgccggga tnttgacagg gggntacacg gataattgga cataccaac 109

<210> 710
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 710
 aactgaggc tgatgaggac aatcccagat tgccttcact cacaagatct ggcagccaga 60
 gccccgagtc ccccangccc agtgagcagt tcaaatatta aaccgcacat aacaagaaaa 120
 gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 159

<210> 711
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 711
 tgaaaccctg aggctgttgn ggacaatccc agattgcctt cactcacaag atctggcngc 60
 cagagccccg ngcccccaa gccagtgag cagttcaaat ataanaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaaa aaa 163

<210> 712
 <211> 175
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 712

aaaaactgaa	aaagcttnga	atggctgncc	aggagaatcc	canattggct	tcaactcacia	60
gatctggcag	ccagagcccc	gagtccccca	agcccagtg	gcagttcaaa	tataaaaccg	120
cacataacaa	gaaaagttga	agcaccatga	aactcttggt	tgattaaaaa	aaaaa	175

<210> 713

<211> 134

<212> DNA

<213> Mus musculus

<400> 713

atattgcctt	cctcacaaga	tctggcagcc	agagccccga	gtcccccaag	cccagtgagc	60
agttcaaata	taaaaccgca	cataacaaga	aaagtgaagc	accatgaaac	tcttgtttga	120
ttgaaaaaaa	aaaa					134

<210> 714

<211> 143

<212> DNA

<213> Mus musculus

<400> 714

agagaatccc	agattgcctt	cactcacaag	atctggcagc	cagagccccg	agtcccccaa	60
gccagtgagg	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaa	aaa				143

<210> 715

<211> 163

<212> DNA

<213> Mus musculus

<400> 715

aagaactgag	gctgaagagg	agaatcccag	attgccttca	ctcacaagat	ctggcagcca	60
gagccccgag	tcccccaagc	ccagtgagca	gttcaaata	aaaaccgcac	ataacaagaa	120
aagtgaagca	ccatgaaact	cttggttgat	tgaaaaaaaa	aaa		163

<210> 716

<211> 143

<212> DNA

<213> Mus musculus

<400> 716

ggagaatccc	agattgcctt	cactcacagg	atctggcagc	cagagccccg	agtcccccaa	60
gccagtgag	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaa	aaa				143

<210> 717

<211> 104

<212> DNA

<213> Mus musculus

<400> 717

ccggagcccc	gagtccccca	agcccagtg	gcagttcaaa	tataaaaccg	cacataacaa	60
gaaaagtga	gcaccatgaa	actcttggtt	gattaaaaaa	aaaa		104

<210> 718

<211> 157

<212> DNA
 <213> Mus musculus

<400> 718
 ctgaggctga agaggagaat cccagattgc cttcactcca agatctggca gccagagccc 60
 cgagtcccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcaccatga aactcttggt tgattgaaaa aaaaaaa 157

<210> 719
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 719
 atgctgaata gagaatccca gattgccttc actcacaaga tctggcagcc agagccccga 60
 gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaaga aaagtgaagc 120
 accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 720
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 720
 gactgaggta acattncact tgttgccttt cngnttcaag caccaactca ccaacnggag 60
 attntancga aaaccttacg ggccagtaaa tgtgaatgnt ggaccccnan gctgntgnct 120
 gcaccccgat gaactgangc attcangag agaannngann gggaatnctt ntaccctgc 180
 acccgcaatg gtcactcaga ctacacatagc tgaggctgct ggctgggttc ccagtaaagc 240
 aagcaaaaaa ggagaaaaaa aaaa 264

<210> 721
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 721
 gactgaggta acatttcact tgttgccttt ccagtttcaa gcaccaactc accaacaag 60
 attttaccga aaaccttagg gccaatataat gtgaatgttg gaccccaaa 109

<210> 722
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 722
 attgccttca ctacatgga tctggcagcc agagccccga gtcccccaag cccantgagc 60
 anttcttata taaaaccgca cataacaaga aaagtgaagc accatgaaac tcttgtttga 120
 ttaaaaaaaaa aa 132

<210> 723
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 723
gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
cattctctcca atggccattc gccccaaagac tcatccacga gccccattaa aaaaaaaa 118

<210> 724
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 724
ccttagggcc aataantgtg aatgttggac cccaaatgat tattaagcac nctcgcacag 60
aattgccaat ctccagaagt gttcngattg ggaatccatn taccctgnt cccgnaatgg 120
tcnntcngac tcacatanct gaggctgctg gctgggttcc caagtatacg aagcananta 180
ggaaaaaaat taaaa 195

<210> 725
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 725
catattgtct tcaactacaa gatctggcag ccagagcccc gagtcccca ngcccagtga 60
gcanntcaaa tatnaaaccg cacataacaa gaaaagtga gcaccatgaa actcttgttt 120
gattaaaaaa 130

<210> 726
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 726
gtcacttcca gagggacggg catcctnttc tgacctctga ggacattgta catgcatgg 60
gcatanantt acatgcaagc aaacgcctgt acacgtaaaa taagtaataa aagtctttaa 120
cacaaa 126

<210> 727
<211> 189
<212> DNA
<213> Mus musculus

<400> 727
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaa 189

<210> 728
<211> 127

093304.06404

<212> DNA

<213> Mus musculus

<400> 728

tttgaacac	tgaggtgatg	aagtctcgat	cgctagacgg	gagatgctgc	caagtgcccc	60
agacgggatc	aagactccaa	tgacagccat	aagattccct	aaagctaaga	caactgcaaaa	120
aaaaaaaa						127

<210> 729

<211> 189

<212> DNA

<213> Mus musculus

<400> 729

agactgactt	ggctgaagag	gaaataaaaa	ctgagcagga	ggtggtggag	ggaatggata	60
tctctactcg	ctocaaagat	cctgtctcta	cagagaaaac	ggccccgaaa	cggaagttcc	120
ccagccctcc	acattcctcc	aatggccatt	cgccccaaaga	ctcatccacg	agccccatta	180
aaaaaaaa						189

<210> 730

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 730

agcactgagg	ctgaanatga	gnatcccana	ttgccttcac	tcacaagatc	tggcagccag	60
agccccgagt	cccccaagcc	cagtgcgcag	ttcaaatata	aaaccgcaca	taacaagaaa	120
agtgaagcac	catgaaactc	ttgtttgatt				150

<210> 731

<211> 108

<212> DNA

<213> Mus musculus

<400> 731

gccagagccc	cgagtccccc	aagcccagtg	agcagttcaa	atataaaacc	gcacataaca	60
agaaaagtga	agcaccatga	aactcttggt	tgattaaaaa	aagaagaa		108

<210> 732

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 732

gactgaggct	gaagaggaga	atcccagatt	gccttnnctc	acaagatctg	gcagccagag	60
ccccgagtcc	cccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaaag	120
tgaagcacca	tgaaactctt	gtttgattga	aaaaaaaaaa			160

<210> 733

<211> 127

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 733
 tctctactcg ctccaaagat cctgtntnta cagagaaaac ggccncgaaa nggaagttcc 60
 ccngccctnc acattcntnc aatggccatt cgccccatga ctcatccacg ggccccaaaa 120
 aaaaaaa 127

<210> 734
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 734
 gactgagatc ctgagtatac gagagannac ggccccgaaa cggaagttcc ccagccctcc 60
 acattctctc aatggccatt cgccccaaaga ctcatccacg agccccatta aaaaaaaaaa 119

<210> 735
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 735
 tgggtgtggag cagctctgtc atgtctccag cagagggcgc attntgcntt cttcagaact 60
 caagaagcnc angngtagcn gacctgngaa actgggctac cttttga 107

<210> 736
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 736
 accgctggcg aggaaaanct ttaanggatg tgctacncag ctgacncttg tgggnggacc 60
 tnaanctnnc tgnntgttng ggagnatccc tccaccnatg tttgggacaa gaanaaggcn 120
 atgcctcnct gaaanttga caccctnagg agagtancaa ggngtggccg gcatgctgaa 180
 cagatggacc gtggcgcccg aagtctcagc atcttcagnt gattcttcag ngtcncttgt 240
 gctggaatga aggaggaggc tgagtganac ccnnacatg catgcaataa tcaaggggaa 300
 gtgaacgtgc catctcctga ggtagantgg gcccttntnt caaaaactaa tgctag 356

<210> 737
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 737
 actgaggctg aagaggagaa tcccagattg ctttactca caagatctgg cagccagagc 60

cccgagtccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg ttgtattaaa aaaaaaa 157

<210> 738
<211> 184
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 738
ctgagcttgg ctgaagagga aataaaaact gancaggagg tgggtggagg aatggatata 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg cccaagact catccacgag ccccatataa 180
tagc 184

<210> 739
<211> 154
<212> DNA
<213> Mus musculus

<400> 739
ctgagctttg aattctgaaa aagaagagtg tgaacaaga agcaaagatc ggggttgaag 60
agggaagag gaaagggggg gatggaagga aacctgcag ccaccaacac aataaacaca 120
ataaactgta tcctgaccac ctcaaaaaaa aaaa 154

<210> 740
<211> 188
<212> DNA
<213> Mus musculus

<400> 740
actgagtttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa 180
aaaaaaaa 188

<210> 741
<211> 188
<212> DNA
<213> Mus musculus

<400> 741
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa 180
aaaaaaaa 188

<210> 742
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 742
gcttgctgag agggaataaa actgagcagg agggnggngg ggggaatgga atctctactc 60

gctccaaaga tctgtctctt acagagaaaa cggccccgaa acggaagtto cccagccctc 120
cacattcctc caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 180

<210> 743
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 743
agactggctt ggctgaagag gaaataaaaa ctgancagga ggtggaggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtctc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 744
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 744
cagactgggt aacatttact tgttgctttt ccagtttcaa gcaccaactc nccaacaaag 60
attttaccga aaaccttagg gccaatanaat gtgaatgttg gacccccaaat gattntaagc 120
ccaccgcana gaattgccaa tncaggaagn gttctgattg ggaatccata tacccttgca 180
cccgaatgg tcaactcanac tcacatagct aaggctgctg gctgggttcc cagtgat 237

<210> 745
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 745
actgagcaaa caggtggngg anngaattgga tatctctact cgctccaaag gatcctgtct 60
ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc 120
attcgcccca agactcatcc acgagcccca t 151

<210> 746
<211> 182
<212> DNA
<213> Mus musculus

<400> 746
cttggctgaa gaggaaataa aaactgagca ggaggtgggt gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 747
<211> 150

<212> DNA
 <213> Mus musculus

<400> 747
 agaactgaga ttataagcac accgcagaga attgccaatt caggaagtgt tctgattggg 60
 aatccatata cccctgcacc cgcaatggtc actcagactc acatagctga ggctgctggc 120
 tgggttccca gtaaacgaag caaaaaaaaa 150

<210> 748
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 748
 tggggcgcag actggctttg aattcatgan aaagaagagt gtgaaacaag aagcaaagat 60
 cgggttgga gagggcaaga ggaaaggggg ggatggaagg aaaccctgna nccaccaaca 120
 caataaacac aataaactgt atcctgacca cctcaa 156

<210> 749
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 749
 caccactgtg gtctcagcaa gtcagaagan gtcagtcagc tccccctgggtg gagctggagc 60
 tacaagcaac tgtgaaaact actctgcata ttactcttca aaagcagtaa caagtgatct 120
 tccaccctc tgctctctc 139

<210> 750
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 750
 actgagagat tcccaagaga ctncctggaac tancaccant ttttggttg tacattgcc 60
 ggcaggccat tggaatcgga gctgcagtca gattaaggcc agcctggcct acattgagaa 120
 acctcatttt gggaaagtga aatactttgt caattaacat gcagttgggt caataaagac 180
 ttttggaag tgtcaaaaaa aaaaa 205

<210> 751
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 756

ttgaggaact	ctcaaaggct	ggacnggacg	nagcngcaaa	caaantaang	ccagcctggc	60
ctacattgag	aancctcatt	ttgggaaagt	gaaatacttt	gtcaattaac	atgcagttgg	120
ttcaataaag	acttttggaa	agtgtcaaaa	aaa			153

<210> 757

<211> 119

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 757

gaggtcggag	ctgcagncag	attaaggcca	gcctggccta	cattgagaaa	cctcattttg	60
ggaaagngaa	atactttgtc	aattaacatg	cagntggntc	aataaagact	tttggaag	119

<210> 758

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 758

ggaagcagct	gcaatcanat	naaggccagg	gctggcctac	attgagaaac	ctnatattngg	60
gaaagagaaa	tactttgtca	nttaanatgc	agcnggttca	ataaagactt	ttggaaagcg	120

<210> 759

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 759

tctcgcaggc	cattgcgggt	cgganctgcn	ttcaaanaa	agncagnctg	gcctacattg	60
aaaaacctca	ttttgggaaa	gtgaaatacc	ttggcnatta	acatgcagtt	gggtcaatna	120
agacttttgg	aaagtgtcac	caagaaaac				149

<210> 760

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 760
tttttggctt ggacattgcc angcaggcca ttggaatcgg agctgcagtc agattaaggc 60
cagcctggcc tacattgaga aacctcattt tgggaaagtg aaatactttg tcaattaaca 120
tgcagttggt tcaataaaga cttttggaaa gtgtcaaaaa aaaaaa 166

<210> 761

<211> 108

<212> DNA

<213> Mus musculus

<400> 761
gccagcctgg cctacattga gaaacctcat tttgggaaag tgaaatactt tgtcaattaa 60
catgcagttg gttcaataaa gacttttggg aagtgtcaaa aaaaaaa 108

<210> 762

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 762
ttttggcttg tacattgcca ngcagccatt ggaatcggag ctgccntcan antaangcca 60
gcctggccta cattgagaaa cctcattttg gnaaagtga anactttgnc anttaanatg 120
cagntgggtc aataaagact tttggaaagt gtccta 156

<210> 763

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 763
ttgacagact gagataaatt ccnccnatga tctcctggaa gctacacaat ganttggctt 60
gtcattgcca ggcagccatt ctaatcgnag ctgcnntcac attaangcca nctgnccta 120
cattgagaaa cctcattttg nnaaagtga atactttgtc aattaacatg canttgggtc 180
aataaagact tttggaaagt gtcaaaaaaa aaaa 214

<210> 764

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 764
gcaggctctg caggacngag ctgcagtc an attaaggcca gntcggccta cactgagaaa 60
cctcattttg ggaaagtga atactttgtc aattaacatg cagttgggtc aataaagact 120
tttggaaagt gtcccaaaaa aaaaaa 146

<210> 765

<211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 765
 aggacggagc tgcagncana tnaaggccag cctggcctac attgagaaac ctcattttgg 60
 gaaagtgaaa tactttgtca attaacatgc agttggttca ataaagactt ttggaaagtg 120
 tcaaaaaaaaa aaa 133

<210> 766
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 766
 gcaggccatt ggaatcggag ctgnaggcag attaaggcca gcctggccta cattgagaaa 60
 cctcattttg ggaaagtgaa atactttgtc aattaacatg cagttggttc aataaagact 120
 tttggaaagt gtcaaaaaaaaa aaaa 144

<210> 767
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 767
 caatatTTTT ggcttggaca ttgccnngca ggccattgga atcggagctg cagtcagatt 60
 aaggccagcc tggcctacnt tgagaaacct cattttggga aagtgaaata ctttgtcaat 120
 taacatgcag ttggttcaat aaagactttt ggaaagtgtc aaaaaaaaaa a 171

<210> 768
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 768
 gcctggccta cattgagaaa cctcattttg ggaaagtgaa atactttgtc aattaacatg 60
 cagttggttc aataaagact tttggaaagt gtcaaaaaaaaa aaaa 104

<210> 769
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 769
gcagccattg gaatcggagc tgcagtcana ttaaggccag cccggcctac attgagaaac 60
ctcatttttg gaaagngaaa tactttgtca attaacatgc agttggttca ataaagactt 120
ttggaaagtg ccaaaaaaaaa aaa 143

<210> 770
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 770
acattgcctg gcaagccatt gcaatcggan ctgcantcac gattaaggcc ngcctggcct 60
acattganaa acctcntttt ggnaaagtga aatactttgt caattaacat gcagttgggt 120
caataaagac ttttggaag tgtcaaaaaa aaaaa 155

<210> 771
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 771
aggtactagc ctgggctnag gccataatth ctttttgann nnntctngca ggtcnttgcn 60
ggnggagctg cagtcaaatn aangccagcc tggcctacat tgagaaacct cattttggga 120
aagtgaataa ctttgtcaat taacatgcag ttggttcaat aaagactttt ggaaagtgtc 180
aaaaaaaaaa a 191

<210> 772
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 772
ctgtagaaaa acccacaang aggtctactg tgagctaacg ncagatttac gncctggaca 60
tngncangca gncattggaa tcnggcagct gtcagtcaaa attaaggcca gcctggccta 120
cattgagaaa cctcattttg ggaaagngaa atactttgtc aattaacatg cagttgggtc 180
aataaagact tttggaag 199

<210> 773
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 773

gcaggtcatt gcgaggtcgg agctgcannc anattaagggc cagcctggcc tacattgaga 60
aacctcattt ggggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga 120
cttttggaag gtgtcaaaaa aaaaaa 146

<210> 774
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 774
tcggagctgc tagtcagatt aaggccagcc tggcctacat tgagaaacct ctttttgga 60
aagtgaataa ctttgtcnat taacatgcag ttggttcant aaagactttt ggaaagtgtc 120
aaaaaaaaaa a 131

<210> 775
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 775
gatctggact agcagaagtt tttggcttgt acattgccag gcngccattg naatcgacnc 60
tgcanncana ttaaggccag cctggcctac attgagaaac ctcatttttg naaagtgaag 120
tactttgtca attaacangc agttggttca ataa 154

<210> 776
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 776
tacctggaag ctaactttta ggcttncatt gccnggcagc cattggaatc ggagctgcag 60
tcanattaag gccagcctgg cctacattga gaaacctcat tttgggaaag tgaaatactt 120
tgtcaattaa catgcagttg gttcaataaa gactttttga aagngtccca aaaaaaaaaa 180

<210> 777
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 777
ggggcccacg cctaggaggn cgngngagaa agccattant gacgcgctaa ngaangccca 60
ncaatcnggc agacagggtg agngaaaagn gggtngtgaa aaggngacnc acnccatcac 120
tgatgctgtg acccatgcgg nanaaggcct gggaagactg gnacagttag cctgnctacc 180

ngcatggctg gcccttcctg aaggg

205

<210> 778

<211> 158

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 778

aactgaggtt ccaaaagtgg caggaagccc cctggacctt naccctnggc ctgntgtccc 60

tncactacgg cctaaganct tggagtgggg aggaccatgg nggcacntt gccaaagggc 120

tggacacang catgctggan antggacctt gcttaaga 158

<210> 779

<211> 190

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(190)

<223> n = A,T,C or G

<400> 779

tactacctct agctaacgcy aataatcttg ttcttngacn ttctctngca gccattgnaa 60

toggagctgc agtcagatta aggccagcct ggcctacatt gagaaacctc attttgggaa 120

agtgaataac tttgtcaatt aacatgcagt tgggtcaata aagacttttg gaaagtgtca 180

aaaaaaaaaa 190

<210> 780

<211> 117

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(117)

<223> n = A,T,C or G

<400> 780

caaattaagg ccagcctggc ctacattgan aaacctcatt ttgggaaagt gaaatacttt 60

gtcaattaac atgcagttgg ttcaataaag acttttggaa agtgtcaaaa aaaaaaa 117

<210> 781

<211> 237

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(237)

<223> n = A,T,C or G

<400> 781

tttgaaacca ctgcanaaaa atcccaagaa ggaatcctgg gaagctanca naagtttttg 60

gcttgtgaca ttgccaggca gncattggaa tcggngntgc ngncagatta aggnccagcct 120

ggcctacatt gagaaacctc attttgggaa agggaaatac tttgtcaatt aacatgcagt 180

tgggttcaata aagacttttg gaaagtgtcc cctaactaaa gggaaaaaaaaa cttgttc 237

<210> 782
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 782
 acactgagtt ttaagccacc gcagagaatt gccaatcag gaagtgttct gattgggaat 60
 ccatataccc ctgcacccgc aatggtcact cagactcaca tagctgaggg tgctggctgg 120
 gttcccagtg atcgaanccg anctngagan tttatngnet ctggtttttc acattgttna 180
 ctnaacgngt gtgnaaannn nnatgggaaa ggctcagacg 220

<210> 783
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 783
 gcccttgaca cactgagagg gttcccctga ggactactnt gaactaacgc canaattact 60
 ntttggacat tgnctcgag gtcattngnn atcggaagct gcagtcaaat taaggccagc 120
 ctggcctaca ttgagaaacc tcattttggg aaagtgaat actttgtcaa ttaacatgca 180
 gngggttcaa taaagacttt tggaaagtgt caaaaaaaaa aa 222

<210> 784
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 784
 taaggccagc ctggcctaca ttganantcc tcattttggg aaagtgnaat actttgtcaa 60
 ttaacatgca ccaggttca ataaagactt ttggaaagtg tcaaaaaaaaa aacta 115

<210> 785
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 785
 gcatattact cttcaaaagc agnaacangn gatcttccac ccctctgcct ctcctntgca 60
 anaacagcag gngctcttaa cctgttaatc atggagcatt ttcactagca aaaaaaaaa 119

<210> 786
 <211> 147
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 786

gcaggccatg	acgaataggc	agctgcagta	aagattaaag	ccancctggc	ctacattgag	60
aaacctcatt	ttgggaaagt	gaaatacttt	gtcaattaac	atgcagttgg	ttcaataaag	120
acttttgga	agtgtcaaaa	aaaaaaa				147

<210> 787

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 787

ctgggaagct	aacgccaaagn	tttacgttgt	tgacattgc	ctangcagnc	attgcaaadc	60
ggcagctgca	gncagattaa	ggccagcctg	gcctacattg	agaaacctca	ttttgggaaa	120
gtgaaatact	ttgtcaatta	acatgcagtt	ggttcaataa	agacttttgg	aaagtgtcaa	180
caaaaaatta	aaaa					194

<210> 788

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 788

caggtccgga	caggaagcat	ctgcaatnaa	antaaggcca	gcctggccta	cattgngaaa	60
cctcattttg	ggaaagtga	atactttgtc	aattaacatg	cagttgggtc	aataaagact	120
tttggaaggt	gtctaaaaaa	aaaaa				145

<210> 789

<211> 122

<212> DNA

<213> Mus musculus

<400> 789

ggtcggagct	gcagtcagat	taaggccagc	ctggcctaca	ttgagaaacc	tcattttggg	60
aaagtgaat	actttgtcaa	ttaacatgca	gttggttcaa	taaagacttt	tggaagtgt	120
ca						122

<210> 790

<211> 114

<212> DNA

<213> Mus musculus

<400> 790

attaaggcca	gcctggccta	cattgagaaa	cctcattttg	ggaaagtga	atactttgtc	60
aattaacatg	cagttgggtc	aataaagact	tttggaaggt	gtcaaaaaaa	aaaa	114

<210> 791

<211> 146
 <212> DNA
 <213> Mus musculus

<400> 791
 gcaggccatt gcgaggtcgg agctgcagtc agattaaggc cagcctggcc tacattgaga 60
 aacctcattt tgggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga 120
 cttttggaaa gtgtcaaaaa aaaaaa 146

<210> 792
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 792
 ggctggagct gcagtcanaat taaggccagc ctggcctaca ttgagaaacc tcattttggg 60
 aaagtgaat actttgtcaa ttaacatgca gttggttcaa taaagacttt tggaaagtgt 120
 caaaaaaaaa aa 132

<210> 793
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 793
 cactgaggaa gtttgntgag cggcctcccc caaacgactc actanggnag cnttgcgaaa 60
 ttatttttaa gaacgagggg ntcnaacagt gctcattctt catgcaaaag ntgcacagaa 120
 gtcttacgga aatgaaaaac gatTTTTTTTg ccctcctcct tgtgtgtatc ttatgggcag 180
 tggttggaaa aaaaaaaaa 198

<210> 794
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 794
 aatcggagct gcaatcagat taaggccagc ctggcctaca ttgagaaacc tcattttggg 60
 aaagtgaat actttgtcaa ttaacatgcn gnnggntcaa taaagacttt tggaaagtgt 120
 caaaaaaaaa aa 132

<210> 795
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)

<223> n = A,T,C or G

<400> 795

ctcgcaggca	tgacgggacg	gtactgcagt	canattaagc	ccagcctggc	ctacattgag	60
aaacctcatt	ttgggaaagt	gaantacttt	gtcaattaac	atgcagttgg	ttcaataaag	120
acttttgaa	agtg					134

<210> 796

<211> 170

<212> DNA

<213> Mus musculus

<400> 796

caagtttttg	gcttggacat	tgccaggcag	gccattggaa	tcggagctgc	agtcagatta	60
aggccagcct	ggcctacatt	gagaaacctc	attttgggaa	agtgaataac	tttgtcaatt	120
aacatgcagt	tggttcaata	aagacttttg	gaaagtgtca	aaaaaaaaaa		170

<210> 797

<211> 114

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 797

attaaggcca	gcctggccta	cattganaan	cctcattttg	ggaaagtgaa	atactttgtc	60
aattgacatg	cagttgggtc	aataaagact	tttggaaagt	gtcaaaaaaa	aaaa	114

<210> 798

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 798

gatggagctt	gccgctntgc	tgtttcgaan	ccatcacgtg	naacacctgc	naccttactc	60
ctagattatt	tggcggggaat	cgggtcentnc	cccttncttc	ataacggagt	gctggaatag	120
taaaaattga	accttgagca	aaaaaaaaaa				149

<210> 799

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 799

atatttttgt	ttttgacntt	gtctcgcagg	tcttgggaatc	ggaactncaa	ncagattaag	60
gccagcctgg	cctacattgg	gaaacctcat	tttgggaaag	tgaggtactt	tgtcaattaa	120
catgcagttg	gttcaataaa	gactttttgga	aagtgtcaaa	aaaaaaaaaa		168

<210> 800

<211> 134

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 800
ttgcctggca agcattggaa tcngagctgc gagtcagatt aaggccagcc tggcctacat      60
tgagaaacct cattttggga aagcgaaata ctttggcaat taacatncng ctggttcaat      120
aaagactttt ggaa                                     134

<210> 801
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 801
aggcctcctg aagctagcag aagtttttgg cttgtacatt ntcaggcagc catnggaanc      60
ggagctgcag tcaagttaag gccagcctgg cctacattga gaaacctcat tttgggaaag      120
tgaaataactt tgtcaattaa catgcagntg gttnagtaaa gacttttggga aag          173

<210> 802
<211> 102
<212> DNA
<213> Mus musculus

<400> 802
ccgtggattc ttctacacac ccatgtcccg ccgcgaagtg gaggaccac aaggtaaagct      60
ctgctcctga attaattcta tcccaagtga gaaccacaaa gg          102

<210> 803
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 803
ggggagcgtg gattcttcta cacacccatg tcccgcgcgc aagtggagga cccacaaggg      60
acacancctg agctgngngg aggccagnga gcnngtgacc ttinacacctt ggnactggng      120
gngnncagn ggagncgtgt ggttgtttat ca          152

<210> 804
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 804

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taacaccctg	tcccgccgtg	aagtggagga	cccacaagtn	gcncaaactgg	agctgggtgg	60
aggcccggna	gcaggngacc	ttcagacctt	gncactggan	gtggcccacc	ataagcgngn	120
cattntngaa	gagcgntnca	ccagcatntn	ctnnctntac	catctgngat	aactactggg	180
gctagacca	ccactgacgc	a				201

<210> 805
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 805						
actgagaggt	tggagtttta	atgattcagg	cggctctggc	ggccaggctg	ggcgatatgg	60
tccgcaccta	gactgttgag	ctgggggtag	aggaaaaaaaa	aaa		103

<210> 806
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 806						
gagctctctg	cttgetgctc	cagtcgctgt	gcttgccctgc	tgtggngcct	ccctaccagg	60
acagactctt	gngcttttgg	aaccataagc	caaataaacc	cttccttcca	taaaaaaaaa	120
a						121

<210> 807
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 807						
ttggctgaag	aggaaataaa	aactgagcag	gaggngnggg	agggaatgga	tatctctact	60
cgctccaaag	atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagccct	120
ccacattcct	ccaatggcca	ttcgcccaa	gactcatcca	ccgagcccca	ttaaaaaaaa	180
aa						182

<210> 808
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 808						
actgagatcc	tgtctctaca	ggaggaaaac	gggcccga	cggnagttcc	ccagccctnc	60
acattcctcc	aatggccatt	cgccccaaga	ctcatccacg	agccccatta	aaaaaaaaa	119

<210> 809
 <211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 809
 aataaggcca gcctggccta cattgagaaa cctcgttttg ggaaagtgaa atactttgtc 60
 aatntaacat gcaggtgggt tcaataaaga cttttggaaa gtgttaaaaa aaaaaa 116

<210> 810
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 810
 ggggagcgtg gctttcttcta cacacccatg tcccgcgcng aagtggagga cccacaaggg 60
 gcacaactgn agctgggngg aggcccggtga gcaggnnacc ttcagacctt ggcactggag 120
 gtggctccag ccataancgt ggcattgtat gatcaagtgc tgnaccacan atnctgctcc 180
 ctctaccata gtgnagaact nctgcaacta gaccaccac taccagctct acccctctnc 240
 aatgaataaa acctttgaat gaggcaca 267

<210> 811
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 811
 gagcttggt gaagaggaaa taaaaactga gcaggaggtg gtggagggaa tggatatctc 60
 tactcgctcc aaagatcctg gntctacaga gaaaacggcc ccgaaacgga agttccccag 120
 ccctccacat tcctccaatg gccattcgcc ccaagactca tccacgagcc ccattaaaaa 180
 aaaaaa 185

<210> 812
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 812
 gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaatggat 60
 atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagtgc 120
 cccagccctc cacattctc caatggccat tcgcccgaag actcatccac gagccccatt 180
 aaaaaaaaaa 190

<210> 813
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 813
 tgaggaacat ttcacttgnt gcctttccag nttcaagcnc caactcacca acaaagattt 60
 taccgaaaac cttaggggca ataaatgtga atgttgacc ccaaagatt ataagcacac 120
 cgcanagaat tgccaattca ggaagtgttc tgattgggaa tccatatacc cctgcacccg 180
 caatggnac tcagactcac atagctgagg ctgctggctg ggttcccagt gaacgaa 237

<210> 814
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 814
 gactgagcct ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattctcc aatggccatt cgccccaga ctcattccacg agccccatta 180
 aaaaaaaaa 189

<210> 815
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 815
 ctataaccca tcctagggtt ccgtntttgc tactgtgggn ngngtnggtg ccgttaanac 60
 aagactgctc tcttttcncn ntnttaana tanccatctn atcatcctca gatcaccatc 120
 taccactgag gccagtgaa gccagccttc ctacnccag tgagatgacc ctggaaacag 180
 actgatgcca acctnaatat nggggnttct ggtgtgatgt gaatgaaaat atatcttgtt 240
 cactgaaaaa aaaaaa 256

<210> 816
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 816
 tcccactgaa gaccanagaa agccagcctt nctacgcccc gtgngangac cctggaaaca 60
 gactgatgcc aacctganta tatgaacttc tgggtgtgatg tgaatgaaaa tatactttgt 120
 tcactgagtt tgctaaaaaa aaatgaa 147

<210> 817
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 817
 cagcgtaatg accaggataa gccttgggca ggaagcatgn tacgtgtatc agcggacagc 60
 ccagctccac cagtgcattt naccaggcac aacacattat ntgaagccna ccccttgaca 120
 accaaaacac t 131

<210> 818
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 818
gactgaggct gaagaggaga atcccagntt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 819
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 819
aactgaggta acattttcact tgttgccctt ccagtttcaa gcaccaactc accaacaaaag 60
attttaccga aaaccttagg gccantaaat gtgaatgttg gaccccaaat ggtaagaaaa 120
ttattaaatt tcagaattga aaaaaaaaaa 150

<210> 820
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 820
tctgactgac gcctgaagtg ctgagtcttg aaggtgaagc atgnngggccc ctgtntctggc 60
anatggaat caacctcacc tcctggggga caggctgccc atctcgntgn taaatngact 120
atgccataa attaacatgg ctcactttcg aaaaacccaa at 162

<210> 821
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 821
gtgagctctc tgcttgetgc tccagtcgct gtgcttgctt gctgtggtgc ctccctacca 60
ggacagactc ttngnctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
aaa 158

<210> 822
<211> 178
<212> DNA

<213> Mus musculus

<400> 822

tgagatcctc	tcatacagcg	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	60
ttcctacgcc	cagtgaagtg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	120
tctggtgtga	tgtgaatgaa	aatatatctt	gttactagag	tttgcataaa	aaaaaaaa	178

<210> 823

<211> 152

<212> DNA

<213> Mus musculus

<400> 823

tagcctagat	accatctacc	actgaggccc	agtggagcca	gccttcctac	gcccagtgag	60
atgaccctgg	aaacagactg	atgccaacct	gaatatatga	acttctggtg	tgatgtgaat	120
gaaaaatat	cttggttcact	gaaaaaaaaa	aa			152

<210> 824

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 824

ccccaatgac	cccagacccg	aangtaaaac	atgtnncccc	ctgttctggc	agatggaaat	60
caanntcacc	nnctggggga	caggctgccc	atctcgttga	taaattgact	atgccaataa	120
attaacatgg	ttcactttca	aaaaaaaaaa				150

<210> 825

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 825

accctgttgc	tggcatatgg	aatcaacnt	cacnngctgg	gggacaggct	gcccattctg	60
ttgataaatt	gactatgcca	ataaattaac	atgggttcact	ttcaaaaaa		109

<210> 826

<211> 164

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 826

tcctggagct	agaaaaantt	tttggnttgt	acattgccag	gcanncattg	gggtcggagc	60
tgcaagcata	ttaaggccag	cctggcctan	attganaaac	ctcatttttg	gaaagtgaaa	120
nactttgtca	attaacatgc	agntnggntc	aataaagact	tttg		164

<210> 827

<211> 130

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

 <400> 827
 ttgaagcgaa gcatctgggn ccctgttctn nnagatggaa ggaacctcan ctctggggg 60
 acaggctgcc catctcggtg ataaattgac tatgccata aattaacatg gttcactttc 120
 aaaaaaaaaa 130

 <210> 828
 <211> 122
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

 <400> 828
 agacaggcct gatttctca tctgaccagn taaacactca gtaggatntc atongaacta 60
 ctggaaccna cnagactcta nggaaatctt ctgcccctta gnttattttt tgttacagcc 120
 ct 122

 <210> 829
 <211> 146
 <212> DNA
 <213> Mus musculus

 <400> 829
 tgagggtggtt gaagactggg ggcagggagt gctttgcaaa cagaagaccc gcaggaaatg 60
 ccgagtaatg acttgtgttg gttcaccctc cctgctcccg tcttctttta aaacaaataa 120
 acagaatgga aacgcacaaa aaaaaa 146

 <210> 830
 <211> 114
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

 <400> 830
 gccctgttc tggcanatgg aaatcaanct cacctnctgg gggacaggct gcccatctcg 60
 ttgataaatt gactatgcca ataaattaac atggttact ttcaaaaaaa aaaa 114

 <210> 831
 <211> 192
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

 <400> 831

gactgagga gttgggtgcg cgcncctccc cgggcgcctc actaggnaag ctatgcgaaa 60
 ttatttaana gaacgaggng atcaaacagt gctcattctt catgcaaaag ttgcacagaa 120
 gtcttacgga aatgaaaaac gatttttttg cctcctcctt tgtgtgnatc ttatgggcag 180
 tggttgaaa aa 192

<210> 832
 <211> 168
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 832
 gactgagatc tgactgaanc ctgagtgtctc ngctntgaag gngaagcatg tgggcccctg 60
 ntctggcaga tggaaantcaa cctcacctcc tggnggacag gctgcccacg tcgttgataa 120
 attgactatg ccaataaatt aacatggttc actttcaaaa aagaaaaa 168

<210> 833
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 833
 tgaaggcgaa gcatgtggnc cctgtctctg gcagatggaa nnnaantca cctcctgggg 60
 gacaggctgc ccatctcgtt gataaattga ctatgccaat aaattaacat gggttcacttt 120
 caaaaaagaa aaa 133

<210> 834
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 834
 tcttgactga aacctcgaag tgctngagtc ttgaaggnga ancatgnggg cccctgttct 60
 ggcagatgga aatcangntc acctcctggg ggacaggctg cccatctcgt tgataaattg 120
 actatgcaa taaattaaca tggttcactt tcaaaaaaaa aaa 163

<210> 835
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 835
 gactgaggtg tgagctctct gcttgctgct ccagtcgctg tgcttgccctg ctgtgggtgcc 60
 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 836
 <211> 178
 <212> DNA

<213> Mus musculus

<400> 836

gagatacatc	tcatacagcgc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	60
ttcctacgcc	cagtgcgatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	120
tctggtgtga	tgtgaatgaa	aatatatctt	gttcactgag	tttgcataaa	aaaaaaaa	178

<210> 837

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 837

tctaccactg	aggcccannng	aagccagcct	tcctacnccc	agtgcgatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtgagngaaa	atatactctg	120
ttcactgagt	ttgctataaa	aaaaaaaa				147

<210> 838

<211> 225

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 838

gggctgaggg	agcagcctgg	gccnnggcc	tttctnatgc	ctgccctncc	annttggtg	60
nnccntnngn	tcagcctcag	atcaccatct	accactgagg	cccagtgaag	ccagccttcc	120
tacgcccagt	gagatgaccc	tggaacaga	ctgatgccaa	cctgaatata	tgaacttctg	180
gtgtgatgtg	aatgaaaata	tatcttggtc	actgaaaaaa	aaaaa		225

<210> 839

<211> 170

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(170)

<223> n = A,T,C or G

<400> 839

tctcatcagc	ctcaggatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	cgnnccctgga	aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcactg	agnttgctat	aaaaaaaaaa		170

<210> 840

<211> 147

<212> DNA

<213> Mus musculus

<400> 840

tctatagcct	cagataccat	ctaccactga	ggcccagtga	agccagcctt	cctacgcccc	60
gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	tatgaatttc	tggtgtgatg	120
tgagtgaata	tatatcttgt	tcactga				147

<210> 841
 <211> 268
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 841
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 ggaaacagac cgatgccaac ctgantatat gaacttntgg ngtgatgtga atgaaaatat 120
 atcttgntcn ctgccaanna agnccaaaag aanctannct tcctacgcnc agtgagatga 180
 ccctggaaac agactgatgc caacctgaat atatgaactt ctggcgtgat gtgaatgaaa 240
 atatatcttg ttcactgaaa aaaaaaaaa 268

<210> 842
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 842
 tgagatcctc tcatacagcct cangncacca tctaccactg angcccagtg aagccagcct 60
 tcctacgccc agtgagatga ccctggnaac agactgatgc caacctgaat atatgaactt 120
 ctggtgtgat gtgantgana atatatcttg ttcactgagt ttgctataaa aaaaaaa 177

<210> 843
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 843
 taagcctaga taccatctac cactgaggcc cagtgaagcc agccttccta cgcccagtg 60
 gatgaccctg gaaacagact gatgccaaac tgaatatatg aacttctggt gtgatgtgaa 120
 tgaaaatata tcttgctcac tgaaaaaaaa aaa 153

<210> 844
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 844
 cttgatacca tctaccactg nggcccagng aagccagcct tcctacgccc agtgaganga 60
 ccctggaaac agactgatgc caacctgaat atatgaactt ctggngcgat gngaataaaa 120
 atatatcttg tt 132

<210> 845
 <211> 141
 <212> DNA
 <213> Mus musculus

<400> 845

ccctctccac	ctgaggccca	gtgaagccag	ccttcctacg	cccagtgaga	tgaccctgga	60
aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	gatgtgaatg	aaaatatatc	120
ttgttcaactg	aaaaaaaaa	a				141

<210> 846
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 846						
gcctagatac	catctaccac	tgaggcccag	tgaagccagc	cttcctacgc	ccagtgagat	60
gaccttgga	acagactgat	gccaaacctga	atatatgaac	ttctggtgtg	atgtgaatga	120
aaatatatct	tgttcactga	gtttgctata	aaaaaaaaa			159

<210> 847
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 847						
atcaccatct	accactgagg	cccagtgaag	ccagccttcc	tacgcccagt	gagatgaccc	60
tggnaaacag	actgatgcca	acctgaatat	atgaacttct	gggtgtgatg	ngaatgaaaa	120
tatatcttgt	tcactgagaa	aaaaaaaaa				148

<210> 848
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 848						
acatgtgggc	ccctgttctg	gcncatggaa	atcangngga	nntcctgggg	gacaggctgc	60
ccatctcnn	nataaattga	ctatgccaat	aaattaacat	ggttcaaaa		109

<210> 849
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 849						
tgaaggcgaa	gcatgtggnc	ccctgntctg	gcagatggaa	nncaanctca	cctcctgggg	60
gacaggctgc	ccatctcgnt	gataaattga	ctatgccaat	accatnaaca	tggttcaaaa	120
aaagaaaa						128

<210> 850
 <211> 132
 <212> DNA
 <213> Mus musculus

000004.051204

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<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 850
gactgaggtg ggagctctct gcttgctgnt ccagtcgctg tgcttgcttg ctgtggggcc 60
tccctaccag gacagactct tgggcttnng gnaccataag ccaaataaac ctttccttcc 120
ataaaaaaaaa aa 132

<210> 851
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 851
taagcctaga taccatctac cactgaggcc cagtgaagcc agccttncta cgcccagnga 60
gatgaccctg gaaacagact gatgccaacc tgaatatatg aacttctggt gtgatgngaa 120
tgaaaatata tcttgttcac tgagaaaaaa 150

<210> 852
<211> 174
<212> DNA
<213> Mus musculus

<400> 852
gactgaggat cctctcatgc agcctcagga caccatctac cactgaggcc cagtgaagcc 60
agccttccta cgcccagtg gatgaccctg gaaacagact gatgccaacc tgaatatatg 120
aacttctggt gtgatgtgaa tgaaaatata tcttgttcac tgagaaaaaa aaaa 174

<210> 853
<211> 170
<212> DNA
<213> Mus musculus

<400> 853
tctcatcagc ctcaggatca ccatctacca ctgaggccca gtgaagccag ctttcctacg 60
cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttccactg agtttgctat aaaaaaaaaa 170

<210> 854
<211> 156
<212> DNA
<213> Mus musculus

<400> 854
taagcctcag atcaccatct accactgagg cccagtgaa ggcagccttcc tacgcccagt 60
gagatgaccc tggaaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg 120
aatgaaaata tatcttgttc acctgaaaaa aaaaaa 156

<210> 855
<211> 129
<212> DNA
<213> Mus musculus

<400> 855
gaagccagcc ttcctacgcc cagtgagatg accctggaaa cagactgatg ccaacctgaa 60
tatatgaact tctggtgtga tgtgaatgaa aatatatctt gttcactgag tttgtatata 120

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aaaagaaaa 129

<210> 856
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 856
 ctcaagacac catctancac tgtangccca ntgaagccag ccttcctacg cccagngaga 60
 tgaccctgga aacagactga tgccaacctg antatatnaa cttctgggng tgatgtgaat 120
 gaaaatatat cttg 134

<210> 857
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 857
 taagcctaga tcaccatcta ccaactgaggc ccagngaagc cagccttcct acgcccagtg 60
 agatgaccct ggaaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtga 120
 atgaaaatat atcttgttca ctgaaaaaaaa aaaa 154

<210> 858
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 858
 actgagatct gctgaagcct gaacngetga gncttgaagg ggaancntgn gggcccctgt 60
 tctggcagat ggaaatcaac cncacctnct ggnggacagg ctgacatct ngntgataaa 120
 tngactatgc caataaatta acatgg 146

<210> 859
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 859
 tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgagt ttgctataaa aaaaaaa 167

<210> 860
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 860

ctctcatcag	cctcagatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	tgaacctgga	aacagactga	tgccaacctg	aatatatgaa	cctctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcaactg	aaaaaaaaaa	a		161

<210> 861
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 861						
tctatacgcc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	ttcctacgcc	60
cagtgagatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	120
tgtgaatgaa	aatatatctt	gttcaactgaa	aaaaaaaaaa			159

<210> 862
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 862						
gcctagatag	catctaccac	tgaggcccag	tgaagccagc	cttnctacgc	ccagtgagat	60
gaccttgga	acagactgat	gccaaacctga	atatatgaac	ttctggtgtg	atgtgaatga	120
aaatatatct	tgttcaactga	gaaaaaaaaa	a			151

<210> 863
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 863						
ctcaagatca	tcctctacca	ctgaggccca	ntgaagccag	ccttcctacg	cccantgaga	60
tgaccttgga	aacagactga	tgccaacctg	atatatgaa	cttntggngt	gatgtgaatg	120
aaaatatatc	ttgttcaactg	agaaaaaaaa	aa			152

<210> 864
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 864						
ctctcattag	cctcagtatc	accntctacc	actgaggccc	agtgaagcca	gccttcctac	60
gccagtgag	atgacctggg	naacagactg	atgccaaact	gaatatatga	acttctggtg	120
tgatgtgaat	gaaaatatat	cttgttcaact	gaaaaaaaaa	aa		162

<210> 865
 <211> 159
 <212> DNA
 <213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 865
tctcatcagc ctcaggatca ccatctacca ctgaggccca gtgaagccag ccttcctacg      60
cccagtgaga tgannctgga aacagactga tgccaacctg aatatatgaa cttctggtgt      120
gatgtgaatg aaaatatatc ttgttcacta aaaaaaaaaa      159

<210> 866
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 866
ttttgtccga tccatggggg tgaggggtca gatcaccatc taccactgag gccagngaa      60
gccagccttc ctacgcccag tgagatgacc ctggaaacag actgatgcca acctgaatat      120
atgaacttct ggagtgtatg gaatgaagat atatcttggt cactgagttt gctatggggg      180
gggggagaac ccaa      194

<210> 867
<211> 167
<212> DNA
<213> Mus musculus

<400> 867
tctatcagcc tcagatacca tctaccactg agggccagtg aagccagoc tctacgccc      60
agtgatgaga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat      120
gtgaatgaaa atatatcttg ttcactgagt ttgctataaa aaaaaaa      167

<210> 868
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 868
gctcaatgaa aagccttgta ntaatancct gacatgcca gtatgnagag anttgctata      60
nnnnatggag ggcgcccgtg tgtgntgctg aggactntgt nnctgccgga annnggagng      120
ctntcntttt ccgtttttan agagatncat ntcacagcc tcagatcanc atattaccan      180
ttgaggccca gngaagccag ccttttntac gccagtgag atgaccctgg gaaacagact      240
gatgccaacc tgaatatatg aacttntctg tgtgatggtg aangaaaaat atatcttggt      300
cacttg      306

<210> 869
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

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<400> 869
 gcctagatac catctaccac tgaggcccag tgaagccagc cttcctacgc ccagtggat 60
 gancctggna acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
 aaatatatct tgttcactga aaaaaaaaaa 150

<210> 870
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 870
 tgcctagata ccattctacc tgaggcccag tgaagccagc cttcctacgc ccantggat 60
 gncctggaa acagactgat gccaacctgn atatatgaac ttctggtgtg atgtgaatga 120
 aaatatatct tg 132

<210> 871
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 871
 tttctagata ccattctacca ctgaggccca gtgaagccag cttcctacgc ccagtggaga 60
 tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg 120
 aaaatatatc ttgttcactg agaaaaaaaa a 151

<210> 872
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 872
 gactgagatc ctctcattag cctcaggaca ccattctacca ctgaggccca nngaagccag 60
 cttcctacgc ccagtggaga tgaccctgga aacagactga tgccaacctg aatatatgaa 120
 cttctggngt gatgtgaatg aaaatatatc ttgttcactg agtttgctat a 171

<210> 873
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 873
 gcagggtgct cgtgtgtgct gctgaggnet gtgttntctgc cngaagacnn ngtnctatatt 60
 ttngcctttg ttaaagagan tnattncatc aancntnaat naccatggta cacactagng 120
 gccanagan gccantctta ctacgcccag gtgagggtgac cctggaaaaca nactgatgcc 180
 tgctgaata tatgaacttc tgggtgtgatg tgaatgaaaa tatatcttgt tcaactgaaaa 240
 aaaaaaa 247

<210> 874

<211> 161
 <212> DNA
 <213> Mus musculus

<400> 874		
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ccagtgcgat	gaccctggaa	acagactgat
atgtgaatga	aaatatatct	tgttcactga
	gaaaaaaaaa	a
		60
		120
		161

<210> 875
 <211> 291
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 875		
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gctggtnnng	gctttgctnn	tgncngncag
ganatnctc	tnatcancct	taggancacc
cttcctacgc	ccagaagaga	tgaccctgga
cttctgggtgt	gatgtgaatg	aaaatatatc
	ttgttactga	aaaaaaaaaa
		a
		60
		120
		180
		240
		291

<210> 876
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 876		
gactgagctt	ggctgaagag	gaaataaaaac
ctctactcgc	tccaaagatc	ctgtctctac
cagccctcca	cattcctcca	atggccattc
aaaaaaaa		
	tgagcaggag	gtggtggagg
	agagaaaacg	gccccgaaac
	ggaagtcccc	
	gcacacattc	gccccattaa
		60
		120
		180
		188

<210> 877
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 877		
tgaggcccag	tgaatncagc	cttinctacnn
tgccaacctg	aatatatgaa	cttctgggtgt
agtttgctat		gatgtgaatg
	aaaatatatc	ttgttactga
		60
		120
		130

<210> 878
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 878

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gccgccttc ctgcccagtg gagatgaccc tggnaacaga ctgatgccaa cctgaatata      60
ttaacttctg gtgtgatgtg aatgaaaata tatcttggtc accgagtttg ctataaaaaa    120
aaaa                                           124

<210> 879
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 879
tgcccactga atccagcctt cctacgccc gngngatgan cctgganaca gactnatgcc      60
aacctganta tatgaacttn tggngtgatg tgaatgaaaa tataatcttgt t           111

<210> 880
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 880
acgccggcct tcctacgccc agtgagatga ccctggaaac agactgatgc caacctgaat      60
atatgaactt ctgggtgtgat gtgaatgaaa atatatcntg ttcactgagt ttgctataaa    120
aaaaa                                           125

<210> 881
<211> 158
<212> DNA
<213> Mus musculus

<400> 881
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc      60
agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctgggtgtgat    120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa    158

<210> 882
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 882
ccatctcatc agcctcaggn caccatctac cactgaggcc cagtgaagcc agccttccta      60
cgcccagtgat gatgaccctg gaaacagact gatgccaaac tgaatatatg aacttctggt    120
gtgatgtgaa tgaaaatata tcttggtcac tgaaaaaaaaa aaa                    163

<210> 883
<211> 248
<212> DNA
<213> Mus musculus

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<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 883
 gcttggggaa ctctcaaagg gctgacaggn ngcatcctgt ngtganacac ganaanatct 60
 cttttgccgc ncctnngaana atgcactctna taanactcag atggacnadc taccactgag 120
 gcccatgtcn tagncagnct tgctacnccc anaganatga cctggnnanc agactgatgc 180
 caacctgaat atatgaactt ctggtgtgat gtgaatgaaa atatattctg ttcactgaaa 240
 aaaaaaaaaa 248

<210> 884
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 884
 cctctcatca gcctcaggnc accatctacc actgaggccc agtgaagcca gccttcctac 60
 gccacgtgag atgtccctgg aaacagactg atgccaacct gaatatatga acttctggtg 120
 tgatgtgaat gaaaatatat ctgtttcact gaaaaaaaaa aa 162

<210> 885
 <211> 169
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(169)
 <223> n = A,T,C or G

<400> 885
 tgagatcctt tcatctgcct cagatnacca tctaccactg agggccagct gaagccagcc 60
 ttinctactcc cagtgagatg ngnotggaaa cagactgatg ccaacctgaa tatatgaact 120
 tctggtgtga tgtgaatgaa aatatattct gttcactgaa aaaaaaaaaa 169

<210> 886
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 886
 gactgagacc tctcattagc ctcangacac catctaccac tgaggcccan tgnagccagn 60
 cttcctacgc ccagngagat gaccctggaa acagactgat gccaacctga atatatgaac 120
 ttntggtgtg atgtcgaatg aaaatatatc ttgttccact agtttgctaa aaaaaaaaaa 179

<210> 887
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 887
 gactgagatc ctctcatcag cctcaggnc a cctcctacca ctgaggccca gtgaagccag 60
 ccttcctacg cccagtgaga tgacctgga aacagactga tgccaacctg aatatatgaa 120
 cttctggtgt gatgtgaatg aaaatatatc ttgttcactg aaaaaaaaaa a 171

<210> 888
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 888
 gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat 60
 ctctactngc tccaaagatc cngnctctac agagaaaacg gccccgaaac ggaagttccc 120
 cagccctcca cattcctcca atggccattc gncccaagac tcatccacga gccccattaa 180
 aaaaaaaaaa 188

<210> 889
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 889
 tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa 158

<210> 890
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 890
 tgaacttaaa aagatcttgc gctcggntga gctgnncnc cantnnggga cccacactgg 60
 ggaaangcac tnccgntgc ccactgtgnt gagaagagat tcatgaggag tgaccatctc 120
 accaancatg cccggtagta acaccgagtt 150

<210> 891
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 891
 gcccttecta cgcccagtga gatggncctg gnaacagact gatgccaaac tgaatatatg 60
 aacttctggn gtgatgtgaa tgaaatatnt nttggtcact ggaaaaaaaaa aaa 113

<210> 892
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 892
ccagccttcc tgcgccagtg agatgggcct ggnaacagac tgatgccaac ctgaatatat 60
gaacttctgg tgtgatgtga atgaaaatat atcttgttca ctgaaaaaaaa aaaa 114

<210> 893
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 893
accattctac cactgaggcc cagtgaagct cagccttccct acncccantg agatgaccct 60
gnnaacagac tganagccaa cctgnatata ttgaacttct ggtgngatgn gaatgaaant 120
atatcttgtt cactgagaaa aaaaa 145

<210> 894
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 894
cgtttttgta cagatccatn ggntggggct gngatgacca tctaccncct gaggcccagt 60
gaatgcccgn cttcctacgc ccagagngat gaccctggaa acagactgat gccaacctga 120
atatatgaac ttctggngtg atgtgaatga aaatatatcc ttgttcactg agtttgctat 180
ncntctagtg tttttatttt gaaaaaaaaa aa 212

<210> 895
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 895
aaaaaccatc taccactgca tgcccagctg antccagnct tcctacgcc anngagatga 60
gcctggnaac agactgatgc caacctgaat atatgaactt ctggtgtgat gtgaatgaaa 120
atatatcttg ttcactgaga aaaaaaaaa 149

<210> 896
<211> 120
<212> DNA

<213> Mus musculus

<400> 896
aagccagccc ttccctacgc ccagtgagat gaccctggaa acagactgat gccaacctga 60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcaactga aaaaaaaaaa 120

<210> 897

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 897
tagaggccca gtgaagccag ccttcctacc gcccagtgag atgaccctgg aaacagactg 60
atgccaacct gaatatatga accttctggn gggatgtgaa tgaaaatata tcttgt 116

<210> 898

<211> 152

<212> DNA

<213> Mus musculus

<400> 898
cgagggtggtg gaggggaatgg atatctctac tcgctccaaa gatcctgtct ctacagagaa 60
aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc attcgcccca 120
agactcatcc acgagcccca ttaaaaaaaaa aa 152

<210> 899

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 899
accatctacc actgcatgcc caatgaatcc agccttccta caccagtgga gnggagcctg 60
ganncagact natgccaaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata 120
tcttgttcac tgaaaaaaaa aaa 143

<210> 900

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 900
ctaccactga ggcccagtgga agccancctt cctacgcccc gtgngnngnc cctggnaaca 60
gactgatgcc aacctgaata tatgaacttc tggncgtgat gagaatgaaa actatatctt 120
g 121

<210> 901

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 901

ctagatacca tctaccactg aggcccagtg aagccagcct tntacgccc agtgagatga	60
ccctggnaac agactgatgc cnacctgaat atatgaactt ctggngtgat gtgaatgaaa	120
atatacttg ttcactgaaa aa	142

<210> 902

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 902

tctatagcct cagataccat ctccactgag gcccagtgaa gccagccttc ctacgcccag	60
tgagatggnn ntggnaacag tctgatgcca acctgaatat atgaacttct ggtgtgatgt	120
gaatgaaaat atatcttggt cactgaaaa aaaaaa	156

<210> 903

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 903

tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacnccc	60
agtgagatgg ccctggnnac agactgatgc caacctgaat atatgaactt ctgggtgat	120
gtgaatgaaa atatacttg ttcactgaaa gaaaaaaaa	159

<210> 904

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 904

cccctgaggc ccagtgaagc cagccttcct acaccantg agatggcct ggnaacagac	60
tgatgccaac ctnaatatat gaacttctgg tgtgatgtga atgaaaatat atcttg	116

<210> 905

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)
<223> n = A,T,C or G

<400> 905
catcttatat gcctgccctc cgttttttna caanatccat ggggntgggg cttagatcac 60
catctaccac tgaggccan tgaagccanc ctctctactc ccagttagat gaccctggaa 120
acagactgat gccaacctna atgtatnnaa ctncataggtg cagatgnaga atgaaaatat 180
atctttgatc act 193

<210> 906
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 906
agccctttat caccatctac cactgaggcc cantgaancc anccttctta ctcccantna 60
natgangctg ggncagact gatancaacc tgaatatatg aacttctggt gtgatgtgaa 120
tgaaaatata tcttggtcac tgaaaaaaaa aaa 153

<210> 907
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 907
cccatctacc actgaggccc antgaagcca gccttntctac gccagngag atgnccctgg 60
aaacagactg ntgccaacct gaatatatga ncttctggng tgatgtgaat gaaaanatat 120
cttggttctact gaaaaaaaa aa 142

<210> 908
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 908
ccctgaggcc cagtgaagcc agccttctta cgcccagtga gatgnccctg gnaacagact 60
gatgccaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata tcttggtcac 120
tgagtttgct ataaaaaaaa aa 142

<210> 909
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 909
tctcatcatc gctcaagatc accatctanc actgtangcc caatgaagcc agccttccta 60
cncccattna gatgnccctg gaaacagact natgccaaacc tnantatatn aacttntggt 120
gtgaacgnna atnaaaatat atcttgntca ctnacactga tatccaaaga anccagcctt 180
cctactnncc aatgaagatg accctggaaa cagacttgat ncncaacctg nngggngaac 240
ttctggtgtg atgtgaatga aaatatatct tgttcaactga gtttgctaga aaaaaaaaaa 299

<210> 910
<211> 172
<212> DNA
<213> Mus musculus

<400> 910
tgagatccat ctcatcagcc ctccaggatca ccatctacca ctgaggccca gtgaagccat 60
ccttcctacg cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa 120
cttctggtgt gatgtgaatg aaaatatatc ttgttcaactg agaaaaaaaa aa 172

<210> 911
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 911
tctcatcagc ctccagatcac catctaccac tgaggcccag tgaagccagc cttcctaccc 60
ccagtggatg gagcctgggn acagactgat gccaaacctg aatatatgaa ttctggtgtg 120
atgtgaatga aaatatatct tgttcaactga aaaaaaaaaa 160

<210> 912
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 912
aagcctagat accatctacc actgangccc agtgaagcca gccttctac gccagtgag 60
atggncctgg aaacagactg atgccaaacct gaatatatga acttctggtg tgatgtgaat 120
gaaaatatat cttgttcaact gaaaaaaaaa aa 152

<210> 913
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 913
gtgagccagc cttcctacgc ccantgagat ggnccctggaa acagactgat gccaaacctga 60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcacctg aaaaaaaaaa 120
a 121

<210> 914

<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 914
 cgcccttcct acgcccagtg agatgaccct ggaaacagac tgatgccaac ctgaatatat 60
 gaaccttctg gngtgattgt gaatgaaaat atntcttgn tcaactgaaaa aaaaaaa 117

 <210> 915
 <211> 142
 <212> DNA
 <213> Mus musculus

 <400> 915
 ccctctccac ctgaggccca gtgaagccag cttcctacg cccagtgaga tgaccctgga 60
 aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc 120
 ttgttcaactg agaaaaaaaa aa 142

 <210> 916
 <211> 161
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

 <400> 916
 ctctcatcag cctcaggnc aacatctacca ctgaggccca gtgaagccag cttcctacg 60
 cccagtgaga tgaccctgga aacagactca tgccaacctg aatatatgaa cttctggtgt 120
 gatgtgaatg aaaatatatc ttgttcaactg aaaaaaaaa a 161

 <210> 917
 <211> 139
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

 <400> 917
 ccttctccct gaggccagtg gaagccagcc ttcctacgcc cagtgaatg ancctggaaa 60
 cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt 120
 gttcactgaa aaaaaaaaa 139

 <210> 918
 <211> 167
 <212> DNA
 <213> Mus musculus

 <400> 918
 tctatcagcc tcagatcacc atctaccact gaggcctagt gaagccagcc ttcctacgcc 60
 cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcactgag tttgctaaaa aaaaaaa 167

<210> 919
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 919
 ctataagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctgggtgat 120
 gtgaatgaaa atatatcttg ttcactgagt ttgctaagaa aaaaaaa 167

<210> 920
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 920
 tctcatcagc ctcagntcac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgctg 120
 atgtgaatga aaatataatct tgttactga 150

<210> 921
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 921
 tctcatcagc ctcagnnac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgctg 120
 atgtgaatga aaacataatct tgttactga gaaaaaaaaa a 161

<210> 922
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 922
 accacttgag gccagtgaa gccagccttc ctacgcccag tgagatganc ctggaaacag 60
 actgatgcc aactgattat atgaacntct gntgtgatnt gaatgaaaat atatcttgnt 120
 cactgagttt gctatcaaaa aaaaaa 146

<210> 923
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)

<223> n = A,T,C or G

<400> 923

actgagatcc	tctcatcagc	ctcaggatca	ccntctncc	tgaggcccag	tgaagccagc	60
cttcctacgc	ccagtggat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	120
ttctggtgtg	atgtgaatga	aaatatatct	tgttcactga	aaaaaaaaaa		170

<210> 924

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 924

catctccact	gaggcccagt	gaagccagcc	ttcctacgcc	cagngagatg	ggncctggaaa	60
cagactgntg	ccaacctgaa	tatatgaact	tctggtgnga	tgtgaatgaa	aatatatctt	120
g						121

<210> 925

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 925

gaactgagat	ccatctcatc	agctctcagc	acaccatcta	ccactgaggc	ccagtgaagc	60
cagccttcct	acgcccagng	agatgaccct	ggaaacagac	tgatgccaac	ctgaatatat	120
gaacttctgg	ngtgatgnga	atgaaaatat	atcttgttca	ctgagtttgc	tatagaaa	178

<210> 926

<211> 134

<212> DNA

<213> Mus musculus

<400> 926

gataccatct	ccacctgagg	cccagtgaag	ccagccttcc	tacgcccagt	gagatgaccc	60
tggaacaga	ctgatgccaa	cctgaatata	tgaacttctg	gtgtgatgtg	aatgaaaata	120
tatcttggtc	actg					134

<210> 927

<211> 162

<212> DNA

<213> Mus musculus

<400> 927

taagcctaga	taccatctac	cactgaggcc	cagtgaagcc	agccttcccta	cgcccagtga	60
gatgaccctg	gaaacagact	gatgccaaac	tgaatatatg	aacttctggt	gtgatgtgaa	120
tgaaaatata	tcttggtcac	tgagtttgct	ataaaaaaaaa	aa		162

<210> 928

<211> 142

<212> DNA

<213> Mus musculus

<400> 928

ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgacctt ggaaacagac 60
 tgatgccaac ctgaatatat gaacttcttg tgtgatgtga atgaaaatat atcttgttca 120
 ctgagtttgc taaaaaaaaa aa 142

<210> 929
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 929
 gactgagacc tctcataagc ctcaggacac catctaccac tgaggcccag tgaagccagc 60
 cttcctacgc ccagtggatg gaccctggna acagactgat gccaacctga atatatgaac 120
 ttctggngtg atgtgaatga aaatatatct tgttcactga gtttgctata aaaaaaaaaa 179

<210> 930
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 930
 gataccatct ccacctgagg cccagtgaag ccagccttcc tacgcccagt gagatgacct 60
 tggaacacaga ctgatgccaa cctgaatatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttgttc actgaaaaaa aaaaaa 145

<210> 931
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 931
 aatgccagcc ttcctacgcc catcnggacg acgntggaga cagnctgang ccaacctnaa 60
 tatatgaact tctngngnga tngaatgaa aatatatctt gtccactgag tttgctatag 120
 aaaaaaa 127

<210> 932
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 932
 cctctatcag cctcagatca ccatctacca ctgaggccca gtgaagccag cttcctacg 60
 cccagtggga tgacctgga aacagactga tgccaacctg aatatatgaa cttctgggtg 120
 gatgtgaatg aaaatatatc ttgttcactg aaaaaaaaaa a 161

<210> 933
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

acctgaatat atgaacttct ggtgtgatgt gaatgaaaat atatcttgtc cactgaaaaa 120
aaaaaa 126

<210> 939
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 939
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatataatct tgttcactga gtttgctata aaaaaaaaaa 169

<210> 940
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 940
aggccccgtg aagccagcct tcctacgccc agtgagatgg ncctggnaac agactgatgc 60
caacctgaat atatgaactt ctggtgtgat gtgaatgaaa atatatcttg ttcactgaaa 120
aaaaaaaaa 128

<210> 941
<211> 162
<212> DNA
<213> Mus musculus

<400> 941
tctatagcct cagataccat ctaccactga ggcccagtgag agccagcctt cctacgccc 60
gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
tgaatgaaaa tataatcttg tccactgagtt tgctatagaa aa 162

<210> 942
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 942
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaacga aaatataatct tgttcactga aaaaaaaaaa 160

<210> 943
<211> 144
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 943
 agctctcagc acaccatcta ccaactgaggc ccagtgaagc cagccttcct acgcccagng 60
 anatgaccct ggagacagac tgatgccaac ctgactatat gancttntgg ngngatgnga 120
 atgaaaatat atcttgggtca ctga 144

<210> 944
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 944
 tataaaccta gatcaccatc taccactgag gccagtgaa gccagccttc ctacgccag 60
 taagatganc ctggngcag actgatgcca acctgaatat atgaacttct ggtgtgatgt 120
 gaaatgaaaa tatacttgtg tgactgagtt tgctataaaa aaaaaa 166

<210> 945
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 945
 tgaagccagc cttcctaccc ccantgatat gaccctggna acagactgat gccaacctga 60
 atatataaac ttctggtgtg atgtgaatga aaatatatct tgttcaactga gtttgctata 120
 aaaaa 125

<210> 946
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 946
 gcctagatca ccatctacca ctgaggccca gtgaagccag ccttcctacg cccagtgaga 60
 tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg 120
 aaaatatatc ttgttcaactg aaaaaaaaaa a 151

<210> 947
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 947
 actgaagcca gccttcctac gccagtgagn atgaccctgn naacagactg atgccaacct 60
 gaatatatga acttctggtg tgatgtgaat gaaaatatat cttgttcaact gagtttgcta 120

taaaaaaaaa a

131

<210> 948
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 948
tctatagcct cagataccat ctaccactga ggcccagtgga agccagcctt cctacgcca 60
gtgagatgnc cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgatg 120
tgaatgaaaa tatatcttgt tcactgagtt tgctataaaa aaaaaa 166

<210> 949
<211> 127
<212> DNA
<213> Mus musculus

<400> 949
gccagtgaa gccagccttc ctacgcccag tgagatgacc ctggaaacag actgatgcca 60
acctgaatat atgaacttct ggtgtgatgt gaatgaaaat atatcttggt cactgagaaa 120
aaaaaaa 127

<210> 950
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 950
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cgcccagnga gatgaccctg gaaacagact gatgccaacc ctggaatata tggaacttct 120
ggtgtgatgg gaatgaaaat atntccttgt tcactgagtt tgctttaaaa aaaaaa 177

<210> 951
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 951
tgttctgccc gccagacggt agtgctctct tttgccgttc ttaangagat ncatcatcat 60
nagcctnaga tcancatata ccantgaggc ccaagagaag ccagccttcc tacgcccagt 120
gtgatgacct tggaaacaga ctgatgcca cctgaatata tgaacttctg gtgtgatgtg 180
aatgaaaata tatcttggtc actgaaaaaa aaaaa 215

<210> 952
<211> 151
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 952
 atctcatcag cctcaggnca ccatotacca ctgaggccca gtgaagccag ccttctctacg 60
 cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtgt 120
 gatgtgaatg aaaatatatc ttgttcactg a 151

<210> 953
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 953
 attgcagcac ttcctacgcc cngtgngntg accctggaaa cagactgatg ccaacctgaa 60
 tatatgaact tctgggtgtga tgtgaatgaa aatatatctt gttcacctga aaaaaaaaaa 120

<210> 954
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 954
 gaagccagcc ttcctacgcc cagtgaagatg accctggaaa cagaccggan gccaacctgg 60
 aatatatnga acttctgggt gtngatgtga atgaaaatat atccttggtc acctgaaaaa 120
 aaaaaa 126

<210> 955
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 955
 tagcctagat caccatctac cactgaggcc cagtgaagcc agccttctta cgcccagtga 60
 gatgaccctg gaaacagact gatgccaacc tgaatatatg aacttctggt gtgatgtgaa 120
 tgaaaaatata tcttggtcac tgaaaaaaaa aaaa 153

<210> 956
 <211> 174
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 956
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 aaacagactg atgccaacct gaatatatga acttctgggt tgatgtgaat gaaaaatat 120
 cttgttcact gagtttgcta tacatttagt gtttttattt tgtaaaaaaa aaaa 174

<210> 957
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 957
 tctatagcct cagataccat ctaccactga ggcccagtg agccagcctt cctacgcca 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tataatcttgt tcaactgaaaa aaaaaaa 157

<210> 958
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 958
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 acctgaggcc cagngaagcc agccttincta cgcccagtg gatgacctg gaaacagact 120
 gatgccaacc tgantatatg aacttctggn gtgangngaa tgaaaatata tcttg 175

<210> 959
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 959
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 agtgagatga ncctggnaac agactgatgc caacctgaat atatgaactt ccggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaa 158

<210> 960
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

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 gtgagangac cctgggtanct nactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tataatcttgt tcaactgaaaa aaaaaa 156

<210> 961
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 961
 gccttcactc ccagtgagat gaccttgga acagactgat gccaacctga atatatgaac 60
 ttctggtgtg atgtgaatga aaatatatct tgttcaactga aaaaaaaaaa 110

<210> 962
<211> 158
<212> DNA
<213> Mus musculus

<400> 962
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agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
gtgaatgaaa atatattctt ttcactgaaa aaaaaaaaa 158

<210> 963
<211> 168
<212> DNA
<213> Mus musculus

<400> 963
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cagtgaatga accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatattctt gttcactggg ttgtctataa aaaaaaaaa 168

<210> 964
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 964
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atgngantga aaatatatct tgttactgtn anaacacaaa ctaangcctn agctgnannc 120
tgatttnaaa ataacagacc tgctnngctt gcaaggaggn tcccngnggg ggaaactcan 180
tantagtacc cctgtgccac cactctgggc cttttaatgc caagaaagaa ttcancgcga 240
gaanaccttg gagatggtgg cggacgtcca gaatganggn ggacttgagc aaacctatga 300
ccccgcgcca cccaaacctt tcccgtagca cttaa 334

<210> 965
<211> 149
<212> DNA
<213> Mus musculus

<400> 965
taagatacca tctaccacct gaggccagtg gaagccagcc ttcctacgcc cagtgaatga 60
accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgagtga 120
aatatatctt attcactgaa aaaaaaaaa 149

<210> 966
<211> 103
<212> DNA
<213> Mus musculus

<400> 966
ctcccagtg gatgacctg gaaacagact gatgcccaacc tgaatatatg aacttctggt 60
gtgatgtgaa tgaaaatata tcttgttcac tgaaaaaaaa aaa 103

<210> 967
<211> 153
<212> DNA
<213> Mus musculus

<400> 967

agcctagatc	accatctacc	actgaggccc	agtgaagcca	gccttcctac	gcccagtgag	60
atgaccctgg	aaacagactg	atgccaacct	gaatatatga	acttctggtg	tgatgtgaat	120
gaaaatatat	cttgttcact	gagaaaaaaa	aaa			153

<210> 968
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

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tgagatgacc	ctggaaacag	actgatgcca	acctgaatat	gngaacttct	ggtgtgatgt	120
gaatgaaaat	atatcttgtt	cactgagttt	gctataaaaa	aaaaa		165

<210> 969
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 969						
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ttctggtgtg	atgtgaatga	aaatataatc	tgttcactga	aaaaaaaaa		110

<210> 970
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 970						
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tatgaacttc	tggtgtgatg	tgaatgaaaa	tatatcttgt	tcactgaaaa	aaaaaaa	117

<210> 971
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 971						
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gatgtgaatg	aaaatatatc	ttgttcactg	aaaaaaaaa	a		101

<210> 972
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 972						
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cagtgtgatg	nccctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	120
tgtgaatgaa	aatatatctt	gttcactgaa	aaaaaaaaa			159

<210> 973
 <211> 156

[illegible]

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Abstract

Abstract

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 <212> DNA
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<220>
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 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 979
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 atcttggttca ctgagtttgc tataaaaaaa aaa 153

<210> 980
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 980
 tctatagcct agatcaccat ctaccactga ggcccagtg agccagcctt cctacgcca 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tatatcttgt tcactgagtt tgctataaaa aaaaaa 166

<210> 981
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 981
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 gaccttgga acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
 aaatatatct tgttctactga aaaaaaaaaa 150

<210> 982
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 982
 tctatcagcc tcagatcacc atctaccact gagggccagt gaagccagcc ttctctacgcc 60
 cagtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gtctactgag ttgtctataa aaaaaaaa 168

<210> 983
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 983
 gagccagcct tctacgccc agngagatga ccctggaaac agactgangc caacctgnat 60
 atatgaactt ctggtgtgat gtgngtgaaa atatatctnt gtcccactgc gcaaaaaaaaa 120
 aa 122

<210> 984
 <211> 121
 <212> DNA

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<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 984
gtgaagcctg cctttcctac gccagngag atgaccctgg aaacagactg atgccaacct    60
gaatatatga acttctgggtg tgatgtgaat gaaaatatat cttgntcact gagtttgcta    120
a                                                                    121

<210> 985
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 985
aagagatcca tctcatcagc ctcagatcac catctaccnc tgaggccna ntgangccag    60
cctttctacg ccnagtgaga tgaccctgga aacagactga tgccaacc                108

<210> 986
<211> 129
<212> DNA
<213> Mus musculus

<400> 986
agaagccagc cttcctaccc ccagtgaatg gaccctggaa acagactgat gccaacctga    60
atatatgaac ttctgggtgtg atgtgaatga aaatatatct tgttctactga gtttgctata    120
aaaaaaaaa                                                                    129

<210> 987
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 987
gagatccatc tcatcaagcc tcagatnncc atctaccact gaggcccaag tagaagccag    60
ccttctacc gccaggtga gatgaccctg gaaacagact gatgccacc ttgaatatat    120
gaacttctgg cgtgatgtga atgaaaatat atcttgttca ctgagtttgc taaaaaaaaa    180
aa                                                                    182

<210> 988
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 988

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ggcttgagtc	cagcccaatg	acaccgncnc	ccactgaggn	ccagtgaagc	cagncttcct	60
acgcccagng	agatgaccct	ggaaacagac	tgatgccaac	ctgaatatat	gaacttctgg	120
tgtgatgtga	atgaaaatat	atcttggtca	ctgaaaaaaa	aaaa		164

<210> 989
 <211> 166
 <212> DNA
 <213> Mus musculus

tctatagcct	ctgataccat	ctaccactga	ggcccagtga	agccagcctt	cctacgcca	60
gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	tatgaacttc	tggtgtgatg	120
tgaatgaaaa	tatatcttgt	tcactgagtt	tgctataaaa	aaaaaa		166

<210> 990
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

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tgaacttctg	gtgtgatgtg	aatgaaaata	tatcttgntc	actgaaaaaa	aaaaa	115

<210> 991
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

gactgagagg	cttgantccg	ccngacacc	gnctcccact	ggagnccana	gaanccagcc	60
ttntctagcc	cagccgagat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	120
ttctggtgtg	atgtgaatga	aaatatatct	tggttactga	aaaaaaaaaa		170

<210> 992
 <211> 161
 <212> DNA
 <213> Mus musculus

gcctagatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	cccagtgaga	60
tgaccctgga	aacagactga	tgccaacctg	aatatatgaa	tttctggtgt	gatgtgaatg	120
aaaatatatc	ttgttactg	agtttgctat	gaaaaaaaaa	a		161

<210> 993
 <211> 161
 <212> DNA
 <213> Mus musculus

cctctatagc	ctcagatcac	catctaccac	tgaggccag	tgaagccagc	ccttcctacgc	60
ccagtgatgat	gaccctggaa	acagactgat	gccaacctga	atatatgaac	ttctggtgtg	120
atgtgaatga	aaatatatct	tggttactga	gaaaaaaaaa	a		161

<210> 994
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 994
 gtggggcccca tgttctgcag atggaaatca acctcacctc ctgggggaca ggctgcccac 60
 cccgttgata aattgactat gccataaat caacatgggt caaaaaaaaa aa 112

<210> 995
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 995
 ataccctctc cacgtgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct 60
 ggaaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtgg atgaaaatat 120
 atcttgttca ctgagtttgc tataaaaaaa aaa 153

<210> 996
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 996
 taccactcta ccacctgagg cccagtgaag ccagccttcc tacgcccagtg gagatgaccc 60
 tgaaacacaga ctgatgccaa cctgaatatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttgttc actgantttg ctatagggaa aaaaaaaaaa 159

<210> 997
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 997
 ccctctccac tgaggccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
 acagactgat gccaacctga atatatgaac ttctgggtgtg atgtgaatga aaatacatct 120
 tgttcactga aaaaaaaaaa 140

<210> 998
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 998
 gtgtgaacaa tgaagcaaag atcgggttgg aagagggcaa gaggaaggg ggggatggaa 60
 ggaaaccctg cagccaccaa cacaataaac acaataaacc tgtatcctga ccacctcaaa 120
 aaaaaaaaaa 128

<210> 999
 <211> 137
 <212> DNA
 <213> Mus musculus

<400> 999
 tctccactga ggcccagtg agccagcctt cctacgcca gtgagatgac cctggaaaca 60
 gactgatgcc aacctgaata tatgaacttc tgggtgtgat tgaatgaaaa tatatcttgt 120
 tcactgaaaa aaaaaaa 137

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<210> 1000
<211> 188
<212> DNA
<213> Mus musculus

<400> 1000
gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat      60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc      120
cagccctcca cattcctcca atggccattc gccccaaagac tcattccacga gccccattaa      180
aaaaaaaaa                                     188

<210> 1001
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1001
cagaggccca gtgaagccag ccttcctcag cccagtgaga tgaccctgga nacagactga      60
tgccaacctg aatatatgaa cttctggtga gatgcgaatg aaaat                          105

<210> 1002
<211> 160
<212> DNA
<213> Mus musculus

<400> 1002
tctatcagcc tcagatcacc atctaccact gaggcccagt gaagccagcc ttcctacgcc      60
cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga      120
tgtgaatgaa aatatatctt gttcactgag aaaaaaaaaa                             160

<210> 1003
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 1003
cttcaggatc ccatctacca ctgangccca gtgaagccag ccttcctacg cncanngaga      60
nnacctggn aacagactga tgccaacctg antatatgaa cttctggtgt gatgtgaang      120
aaaatatata ttgttctactg agaaa                                             145

<210> 1004
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1004
atactttcta ccaactgaggc ccagtgaagc cagcctttct acgcncantg ngannaccct      60
ggaaacagac tgatgccaac ctgaatatat gaactttctg tgtgatgtga atgaaaatat      120

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atcattg 127

<210> 1005
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 1005
 cctcttgagg cccagtgaag ccagccttcc tacgcccagt gagatgaccc tggaaacaga 60
 ctgatgccaa cctgaatata tgaacttctg gtgngatgtg aatgaaanta tatcttggtc 120
 actgaaaaaa aaaaa 135

<210> 1006
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 1006
 ccgtctccca tgaggcccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
 acagactgat gccaacctga atatatgaac ttctgggtgtg atgtgaatga aaatatatct 120
 tgttcactga aaaaaaaaaa 140

<210> 1007
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 1007
 gcctagatac catctaccct gagggcccagt gaagccagcc ttcctacgcc cagtgagatg 60
 accctggaaa cagactgatg ccaacctgaa tatatgaact tctgggtgtga tgtgaatgaa 120
 aatatatctt gttcactgag aaaaaaaaaa 150

<210> 1008
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1008
 ccacatgagg cccagtgaag ccagccttcc tacgcccagt gagatgaccc tggaaacaga 60
 ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata tatcttggtc 120
 actgaaaaaa aaaaa 135

<210> 1009
 <211> 162
 <212> DNA
 <213> Mus musculus

<400> 1009
 ctctcatcag cctcagttca ccatctacca ctgaggccca gtgaagccag ccttcctacg 60
 cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctgggtg 120
 gatgtgaatg aaaatatatc ttgttccactg agaaaaaaaa aa 162

<210> 1010
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 1010
 cccatgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac 60
 tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atcttgntca 120
 ctgaaaaaaaa aaaa 134

<210> 1011
 <211> 188
 <212> DNA
 <213> Mus musculus

<400> 1011
 gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat 60
 ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagtcccc 120
 cagccctcca cattcctcca atggccattc gcccacaagac tcattccacga gcccattaa 180
 aaaaaaaaa 188

<210> 1012
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 1012
 atcaaccaca tgaggcccca gtgaagccag cttcctacg cccagtgaga ngaccctgga 60
 aacagactga tgccaacctg aatatatgaa cttctggtgt gatgngaattg aaaatatatc 120
 ttgttctactg aaaaaaaaaa 140

<210> 1013
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 1013
 tgaagccagc cttcctcgcc cagtgagatg accctggaaa cagactgatg ccaacctgaa 60
 tatatgaact tctggtgtga tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaaa 119

<210> 1014
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 1014
 catgaggccc agtgaagcca gccttctctac gcncagntga gatgaccctg gatacagact 60
 gatgccaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata tcttggtcac 120
 tgaaaaaaaa aaa 133

<210> 1015
 <211> 139
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 1015
ccgtctccct gaggccagc gaagccagcc ttctacgcc cagtgcgatg accctggaaa      60
cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt    120
gttcactgaa aaaaaaaaaa                                     139

<210> 1016
<211> 152
<212> DNA
<213> Mus musculus

<400> 1016
gcctcagatc accatctacc actgaggccc agtgaagcca gccttcctac gccagtgag      60
atgacctgga aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat    120
gaaaatatat cttgttcact gaaaaaaaaa aa                                     152

<210> 1017
<211> 145
<212> DNA
<213> Mus musculus

<400> 1017
cccgtcgtca cacatgagga ccagctgaag ccagccttcc tacgcccagt gagatgaccc      60
tggaacacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata    120
tatcttggtc actgaaaaaa aaaaaa                                     145

<210> 1018
<211> 158
<212> DNA
<213> Mus musculus

<400> 1018
ctctatcagc ctcatatacc atctccactg agggcccagt aagccagcct tctacgccc      60
agtgcgatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat    120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaaa                       158

<210> 1019
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 1019
cccgtcgtac cacatgagga ccagngaagc cagccttcc acgcccagt agatgaccct      60
ggaaacagac tgatgccaac ctgaatatat gaacttongg tgtgatgtga atgaaaatat    120
atcttggtca ctgaaaaaaaa aaaa                                     144

<210> 1020
<211> 142
<212> DNA
<213> Mus musculus

<400> 1020
ccgtctacca catgaggccc agtgaagcca gccttcctac gccagtgag atgacctgg      60
aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat gaaaatatat    120

```


cttggtcact gaaaaaaaaa aa

142

<210> 1021

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 1021

tctcacgtga	ggcccagnga	agccagcctt	cctacgcccc	gtngagatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtgaatgaaa	ntatatcttg	120
ctcactg						127

<210> 1022

<211> 158

<212> DNA

<213> Mus musculus

<400> 1022

tctatcagcc	tcagatacca	tctaccactg	aggcccagtg	aagccagcct	tcctacgccc	60
agtgagatga	ccctggaaac	agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	120
gtgaatgaaa	atatatcttg	ttcactgaaa	aaaaaaaa			158

<210> 1023

<211> 159

<212> DNA

<213> Mus musculus

<400> 1023

tctatatgcc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	ttcctacgcc	60
cagtgagatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	120
tgtgaatgaa	aatatatctt	gttactgaa	aaaaaaaa			159

<210> 1024

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 1024

ccacatgagg	cccagnga	ccagccttcc	tacgcccagt	gagatgacct	tggaacaga	60
ctgatgccaa	cctgaatata	tgaactngct	ggtgngatgt	gaatgaaaat	atatcttg	118

<210> 1025

<211> 162

<212> DNA

<213> Mus musculus

<400> 1025

actcactagg	gaagctatgc	gaaattat	aaaagaacga	ggggatcaaa	cagtgtcat	60
tcttcatgca	aaagttgcac	agaagtctta	cggaaatgaa	aaacgatttt	tttgccctcc	120
tccttggtg	tatcttatgg	gcagtgggtg	gaaaaaaaaa	aa		162

<210> 1026

<211> 135

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1026
ccattctacc acctgaggcc cagtgaagcc agccttccta cgcccagnga gatgaccctg 60
gaaacagact gatgccancc tgaatatatg aacttctggt gtgatgtgaa tgaaaataca 120
tcttggtcac tgaaa 135

<210> 1027
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1027
ggcccagtga agccagcctt cctacgccc gngagatgac cctggaaaca gactgatgcc 60
aacctgaata tatgaacttc tgggtgtgatg tgantgaaaa tatactcttgc tactgaaaa 120
aaaaaaaa 127

<210> 1028
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1028
tgttggtatgc aggcacntct ggctccaaac tgtgttcttc caagtgccct gtctccttcc 60
agcataccac tgagatgtca aagtccacca tgggttaaaca tttctttag tcccttttgc 120
ctcaaaaaaaaa aaaa 134

<210> 1029
<211> 118
<212> DNA
<213> Mus musculus

<400> 1029
tatggcatcc aaactgtggt cttccaagt cctgtctcc ttccagcata ccaactgagat 60
gtcaaagtcc accatggtta aacatttctt gtagtccctt ttgcctcaaa aaaaaaaaa 118

<210> 1030
<211> 111
<212> DNA
<213> Mus musculus

<400> 1030
gatgacggac gtctggcgtc caaacctgtg ttcttccaag tgccctgtct ccttccagca 60
taccacctga gatgtcaaag tccaccatgg ttaaacaattt cttgtagtcc a 111

<210> 1031
<211> 113

<212> DNA
<213> Mus musculus

<400> 1031
acggacatct ggctccaaac tgtgtttctt caagtgcctt gtctccttc agcataccac 60
tgagatgtca aagtccacca tggttaaaca tttctttagt tcaaaaaaaaa aaa 113

<210> 1032
<211> 114
<212> DNA
<213> Mus musculus

<400> 1032
tgaggacat ctggctcaaa ctgtgttctt ccaagtgcc tgtctccttc cagcatacca 60
ctgagatgtc aaagtccacc atggttaaac atttcttgta gtcaaaaaaaaa aaaa 114

<210> 1033
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 1033
atgctacagt acctgcactt taccocagta gccctgaagt gtgggccccg taccctctgt 60
accagcgga gttagcgctt gctcttctn ctctgcgcg tttcacctac ccgcttcac 120
tgcatgcccc gagncnctgt atagangcnt aggangacac anctcgagg ctggacagtg 180
actggcagnt tgatnatgan ngngtgtgtg ngaaagagcn tgacacatat naaagctact 240
gaagacca 248

<210> 1034
<211> 128
<212> DNA
<213> Mus musculus

<400> 1034
ttttagtgagg agagaatgaa gctgtggatg gagtttcagc aaagcctgtt cattcagaag 60
ataaagactg aacaaatggg aaaataatgt agaaataaaa gggaaagtga cagaaatgga 120
aaaaggga 128

<210> 1035
<211> 142
<212> DNA
<213> Mus musculus

<400> 1035
ccctctccac ctgaggccca gtgaagccag ctttctacg ccagtgaga tgaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctgggtg gatgtggatg aaaatatatc 120
ttgttctact agaaaaaaaa aa 142

<210> 1036
<211> 150
<212> DNA
<213> Mus musculus

<400> 1036
gcctagatac catctaccct gagggccagt gaagccagcc ttcctacgcc cagtgagatg 60
accctggaaa cagactgatg ccaacctgga tatatgaact tctggtgtga tgtggatgaa 120
aatatatctt gttcactgag aaaaaaaaaa 150

<210> 1037

<211> 139

<212> DNA

<213> Mus musculus

<400> 1037

tctaccactg	aggcccagag	aagccagcct	tcctacgccc	agtgagatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtggatgaaa	atatatcttg	120
ttcactgaga	aaaaaaaaa					139

<210> 1038

<211> 168

<212> DNA

<213> Mus musculus

<400> 1038

tctcatcagc	ctcagatcac	catctaccac	tgaggcccag	tgaagccagc	cttccgacgc	60
ccagtgaat	gaccctggaa	acaaactgat	gccaacctgg	atatatgaac	ttctggtgtg	120
atgtgaatga	aaatatatct	tgtttactga	gtttgctaaa	aaaaaaaaa		168

<210> 1039

<211> 143

<212> DNA

<213> Mus musculus

<400> 1039

ccactgaggc	ccagtgaagc	cagccttcct	acgcccagtg	agatgaccct	ggaaacagac	60
tgatgccaac	ctgaatatat	gaacttctgg	tgtgatgtga	atgaaaatat	atcttgttca	120
ctgagtttgc	tataaaaaaa	aaa				143

<210> 1040

<211> 129

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 1040

gactgagggtg	cgcgtgtcgn	cgangccgnc	ggtcggagcg	attctcacgg	nggaaggagc	60
acgccaacag	ggcctgactg	cgtacagaca	tgtgcccctc	aataaaattg	cagttgaaat	120
ggaaaaaaa						129

<210> 1041

<211> 213

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(213)

<223> n = A,T,C or G

<400> 1041

aataaaatata	aggccagagc	tttggnccatt	ntttncatt	nagncntata	cntgacgtan	60
tcgttcctcg	nngagnntct	cctngaagct	agtatanggg	acngncttgt	acantgccan	120
gcagacattg	taatccgagc	tccagtcaga	ttaaggccag	nctggcctac	attgaaaaac	180
ctcattttan	ggaaaagtga	atactttgtc	aat			213

<210> 1042

<211> 135

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<212> DNA
<213> Mus musculus

<400> 1042
ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac      60
tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat atcttgttca      120
ctgagaaaaa aaaaaa                                     135

<210> 1043
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 1043
actgggggca ggagtgcctt gcaaacagaa gacctgcagg aaatgccgag taatgacttg      60
tgttgggtca ccctccctgc tcccgtnttc ttttaaaaca aataaacaga atggaaacgc      120
ccacaaaaaa aa                                         132

<210> 1044
<211> 141
<212> DNA
<213> Mus musculus

<400> 1044
ccatctacca ctgaggccca gtgaagccag ccttcctacg cccagtgaga tgaccctgga      60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc      120
ttgttcaactg aaaaaaaaaa a                                         141

<210> 1045
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1045
gctcagctga ggggcgtttt tagatcagaa ttctcagcca acgaanggta acattgnnct      60
tgngngnctt tccagacttc aagcnccaac tcaccacna agattttacc gaaaacctta      120
gggccataaa atgtgaatgt tggnccccaa atgattataa gcacaccgca nagaattgcc      180
nattcaggaa nngttctgat tgggaatcca tatacccctg caccgcgaat ggctcactcag      240
actcacatag ctgaggctgc tggctgggtt cccagtgatn gaanccgagc tagagaattt      300
atagactctg ntttttcaga aagtaaacga agcaaa                                     336

<210> 1046
<211> 106
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 1046
ggatggagtt tcagcaaagc ctgttcnttc agaagataaa gactgaacaa atgggaaaat      60

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aatgtagaaa taanaaggga aagtgcaga aatggaaaaa aaaaaa 106

<210> 1047
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 1047
 gcatgtggat ggagtttcag caaagcctgt tcattcagaa gataaagact gaacaaatgg 60
 gaaaataatg tagaaataaa agggaaagtg acagaaatgg aaaaaa 106

<210> 1048
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1048
 tttgctgccc aaagaaacac aagccttcct acgcccagng tgatgncctt ggnnacagac 60
 tgatgccttc ctgaatgtat ggancctnccg gtgtgatgtg aatgaaaata tntcttgttt 120
 actgaaaa 128

<210> 1049
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 1049
 catgtggatg gagtttcagc aaagcctntt cattcagaag ataaagactg aacaaatggg 60
 aaaataatgt agaaataaaa gggaaagtga cagaaatgga aaaaaaaaaa 110

<210> 1050
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 1050
 gaggtgtgg atggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat 60
 gggaaaataa tgtagaaata aaagggaaag tgacagaaat ggaaaaaaaa aaa 113

<210> 1051
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 1051
 ctggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat gggaaaataa 60
 tgtagaaata aaagggaaag tgacagaaat gaaaaataa aa 102

<210> 1052
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 1052
 tggttgatgc aggcacctct ggtccaaac tgtgttcttc caagtgcctt gtctccttcc 60
 agcataccac ctgagatgtc aaagnccacc atggttaaac atttcttgta gtcccttttg 120
 cct 123

<210> 1053
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 1053
 tagttggatg aggcactctg gctccaaact gtgttcttcc aagtgccttg tctccttcca 60
 gcataccacc tgagatgtca aagtccacca tggttaaaca tttcttgtag tcaaaaaaaaa 120
 aaa 123

<210> 1054
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 1054
 acgtcacgta gtggaagcta tgcgaantta tttaaaagaa cgangggatc aaacagngct 60
 cattcttcat gcanaagttg cacagaagtc ttacggaaat ganaaacgat ttttntgccc 120
 tctccttgt gtgtatctta tgggcagtgg ttggaaaaaa aaaaa 165

<210> 1055
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 1055
 tgaaaaagat gccagactn gcaccaggnc acacagcaga cgcactaant ggatgcnnngn 60
 actcngntc naaacngtgn tcttncaagt gccctgtctc cttccagcat accactgaga 120
 tgtcaaagtc caccatggtt aaacatttct tgtagtccct tttgccttaa aaaaaaaaa 179

<210> 1056
 <211> 103
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(103)
 <223> n = A,T,C or G

<400> 1056
 gcacatctgg ctccaaactg tgtctcttnc aagtgccttg tctccttcca gcataccact 60
 gagatgtcaa agtccaccat ggttaaacaat ttcttgtagt cca 103

<210> 1057
 <211> 164
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

 <400> 1057
 tacaggcggc tgttcctgc ctgggatggc tactggganc tgantgaagc actnanacca 60
 ntgagccgcc ctccagcnn c agtgattaac actagctgct cttccggagg accaagatna 120
 tgnttcnag cacacacatg atggcctaca accttccatc aact 164

 <210> 1058
 <211> 124
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

 <400> 1058
 gacgttgccc aggccacaca gtggaggcac tagttggatg caggcnctc tggetccaaa 60
 nngngatctt ccaagngccc ngtgtccttc cagcatacca ctgagangtc aaagtccacc 120
 atgg 124

 <210> 1059
 <211> 163
 <212> DNA
 <213> Mus musculus

 <400> 1059
 aaaactgagc aggaggtggt ggagggaatg gatattctcta ctgctccaa agatcctgtc 60
 tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc ctccaatggc 120
 cattcgcccc aagactcatc cagcagcccc attaaaaaaaa aaa 163

 <210> 1060
 <211> 164
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

 <400> 1060
 ccgtgggggg ccgggggagac agggagccga cacaggccac tgtctgcaga atggcagatt 60
 atntggacat tgaacattgc aaaaccgat nagegtntct ggctttttat gccggcnnca 120
 tcaataaaat actgctcatg cagtgtacc tctaaaaaaaa aaaa 164

 <210> 1061
 <211> 111
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(111)

<223> n = A,T,C or G

<400> 1061
gtggcgtgca aactgtgttc ttccaagtgc cctgtctcct tccagcatat cactgagatg 60
tcaaagtcca ccatgagtta aacatttctt gnngtccctt ttgcctcaaa a 111

<210> 1062
<211> 164
<212> DNA
<213> Mus musculus

<400> 1062
actcacctag ggaagctatg ccgaaattat ttaaaagaac gaggggatca aacagtgtc 60
attcttcatg caaaagttgc acagaagtct tacggaaatg aaaaacgatt tttttgcct 120
cctccttggtg tgtatcttat gggcagtggg ttgaaaaaaa aaaa 164

<210> 1063
<211> 115
<212> DNA
<213> Mus musculus

<400> 1063
aaggcagtg tgggtccaaa cgtgtgttct tccaagtgcc ctgtctcctt ccagcatacc 60
actgagatgt caaagtcaac catgggttaa catttcttgt agtcaaaaaa aaaaa 115

<210> 1064
<211> 117
<212> DNA
<213> Mus musculus

<400> 1064
tgaaggacgt gtggcgtcca aacctgtgtt cttccaagtg ccctgtctcc ttccagcata 60
ccactgagat gtcaaagtcc accatggtta aacatttctt gtagtcaaaa aaaaaa 117

<210> 1065
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 1065
tggcgtccaa acgtgngttc ttccaagtgc cctgnctcct tccagcatat cactgagatg 60
tcaaagtcca ccatgggttaa acatttcttt tagtcccttt tgcctcaaaa aaa 113

<210> 1066
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1066
ttgtgtctcc agttgatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
tgctttnggg accataagcc aaataaaccc ttccttccat aaaaa 105

<210> 1067

<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 1067
 ggtcagacag tgaagctgng gatggagttt cagctccgc ctgttcattc agaagataaa 60
 gactgaacaa atgggaaaat aatgtagaaa taaaaggga agtgacagaa aaaaaaa 117

 <210> 1068
 <211> 108
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

 <400> 1068
 tgtggatgga gtttcagcaa agcctgttca ttcagaagat aaagactgaa caaatgggan 60
 aataatgtag aaataaaagg gaangtgaca gaaatggaaa aaaaaaaa 108

 <210> 1069
 <211> 136
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

 <400> 1069
 gtggagaggc tctgaagagn agacantgaa gctgtggatg gagtttcagc aaagcctgtt 60
 cattcagaag ataaagactg aacaaatggg aaaataatgt agaaataaaa gggaaagtga 120
 cagaaatgaa aaaaaa 136

 <210> 1070
 <211> 111
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

 <400> 1070
 tgcctgtgga tggagtttca gcacancctg ttcattcaga agataaagac tgaacanntg 60
 ggaaaataat gtanaaataa aagggaagt gacagaaatg gaaaaaaaaa c 111

 <210> 1071
 <211> 111
 <212> DNA
 <213> Mus musculus

 <400> 1071
 tgaggcgtgt ggttggagtt tctgcaaagc ctgttcattc agaagataaa gactgaacaa 60

atgggaaaaat aatgtagaaa taaaaggga agtgacagaa atggaaaaa a 111

<210> 1072
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1072
aagatgagac aatgaagcnt gtggatggag tttcagcana gcctgttcat tcagaagata 60
aagactganc aaatgggaaa ataatgtata antaaaaggg aaagtgcagc aaatggagaa 120

<210> 1073
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1073
aactggggcc tgtggntgga gtttcagcaa agcctgttca ttcagaagat aaagactgan 60
caaatgggaa aataatgtag aaataaaagg gaaagtgcac ga 102

<210> 1074
<211> 155
<212> DNA
<213> Mus musculus

<400> 1074
ttgctgagtg gagaggtttt gaagaggaga gaatgaagct gtggatggag tttcagcaaa 60
gcctgttcat tcagaagata aagactgaac aaatgggaaa ataatgtaga aataaaaggg 120
aaagtgcagc aaatggagaa agggaaaaaa aaaaa 155

<210> 1075
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1075
attagaagtt taggtcaaca aaaggtaaca tttcaccttg ttgcctttcc agtttcaagc 60
accaactcac caacaaagat tttaccgaaa accttagggc caataaatgt gaatgttgga 120
ccccaaatga ttataagcac acccgagagc aattgccaat tcagganggg ttctgattgg 180
gaatccatat acccctgcac nngcaanggt cactcanact cacatagctg aggcctnggtg 240
gctgggttcc cagtag 256

<210> 1076
<211> 107
<212> DNA
<213> Mus musculus

<400> 1076

ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct accaggacag actcttgtgc 60
 ttttgaacc ataagccaaa taaacccttc cttccataaa aaaaaaa 107

<210> 1077
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1077
 ttgctgctcc agtccatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgctttngga accataagcc aaataaaacc ttccttccat a 101

<210> 1078
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1078
 ctgctccagt cgcattgtgc ttgcctgctg tggtgcctcc ctaccagAAC agactcttgt 60
 gcttttggaa ccataagcca aataaaacct tccttccata aaaaaaaaa 109

<210> 1079
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 1079
 ctcaatgaga gatggctaag cagttaagtg tgcataccaa taccngngga agaaccata 60
 tcggacagct tcacaattgc ctgtaattct agntccagng ggctctgaca cctnnttttn 120
 tctganngac aatggtactc acataatacc tacatt 156

<210> 1080
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1080
 ttgctgctcc agtcgctgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgcttttggga accataagcc aaataaaacc ttccttccat aaaaaaaaa 110

<210> 1081
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1081
 ttgctgctcc agtcagctgt gcttgctgtc tgtgggtgct ccctaccagg acagactont 60
 gtgcttttgg aaccataagc caaataaaacc cttccttcca taaaaaaaa a 111

<210> 1082
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 1082
tgctgctcca gtcgctgtgc ttgcctgctg tgggtgcctcc ctaccaggac agactcttgg 60
gcntttggaa ccataagcca aataaaaccct tccttccata aaaaaaaaaa 109

<210> 1083
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1083
ttgctgctcc agtcctttgt gcttgctgc tgtggtgcct ccctaccagg acagactctt 60
gggcttttgg aaccataagc caaataaacc cttccttcca taagaaaaaa aa 112

<210> 1084
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 1084
gcttgctgct ccagtcggtg ngctngcctg ctgtggtgcc tccctaccag gacagactct 60
tgggcttttg gaaccataag ccaaataaac cttccttcc ata 103

<210> 1085
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1085
gcttgctgct ccagtcnctg tgcttgctg ctgtggtgcc tccctaccag gacagactct 60
tgngcttttg gaaccataag ccaaataaac cttccttcc ataaaaaaaa aa 112

<210> 1086
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(103)
 <223> n = A,T,C or G

<400> 1086
 tgctgctcca gtcgctgtgc ttgcctgctg tgntgcctcc ctaccaggac agactcttgt 60
 gcttttgga ccataagcca aataaaccct tccttccata aaa 103

<210> 1087
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1087
 tgctgctcca gtcgctgtgc ttgcctgctg tggcgcctcc ctaccaggac agactcttgt 60
 gcttttgga ccataagcca aataaaccct tccttccata aaaaaaaaa 109

<210> 1088
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1088
 catgtgggcc cctgttctgg cagatggaaa tcancctcac ctncctggggg acaggctgcc 60
 catctogttg ataaattgac tatgccaata aattaacatg g 101

<210> 1089
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1089
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
 ccagccctcc acattctctc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaa 189

<210> 1090
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 1090
 tgtcctcaac ttgctgagtg gagaggtttt gaagangaga gaatgaggct gtggatggag 60
 tttcancaaa nctgtttcat tcagaagata aagactgaac aaatgggaaa ataattgtaga 120
 aataaaaagg aaagtgcacat gaaatg 146

<210> 1091
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(143)
 <223> n = A,T,C or G

<400> 1091
 cggcttgacc aggccaccct nnccgnaggc cctactggga tgcnggcant ctggctccga 60
 actgtgtgtc ttccaagtgc cctgtctcct tccagcatac cactganatg tcaaagncca 120
 ccatggtcta aacatttctt gta 143

<210> 1092
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 1092
 agaatggcag attatttggga cattgaacat tggaaaacgg agagctttct ggctttttat 60
 gcggcttcat caataaaata ctgctcagcg tgctacctct aaaaaaaaaa a 111

<210> 1093
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1093
 atgatgacac tgccctgcan tctgcccctg ccgagagtct gacctgtctt cctgagagat 60
 tcctgataaa ctgccagcct ggcagcctgg aatgactcca ggcaccaaga gtggaactgg 120
 cgacttactg ctaacggctc tggcggacta gtgctaacan tgtggcaaca aaacatcaag 180
 aagcctggnn atggcaaggg gatggggctt ccccccttt tataangcac agactggcta 240
 gtaaacattt gagccctttg aaaaaaaaaa aa 272

<210> 1094
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 1094
 gactgagggga tttatcaaag atgtcccggga gnntccctca cagttgtttt tgaaaataat 60
 tggcaaccag aacgccaggt tccgtttaat gaagtgcgat taccaccacc acctgatata 120
 aaaaaaaaaa 128

<210> 1095
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 1095
 gactgaggtg tgagctctct gcttgctgct ccagtcgctg tgcttgccctg ctgtggtgcc 60
 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 1096
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1096
 aggccagcct ggcctcattg agaaacctca ttttgggaaa gtgaaatact ttgtcaatta 60
 acatgcagtt ggttcaataa agacttttgg aaagtgtcga aaaaaaaaaa 110

<210> 1097
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 1097
 actccagcgc ttcctacgcc cantgagatg accctggaaa cagactgntg ccaacctgaa 60
 tatatgaact tctggtgtga tgtgaatgaa aatatactt gtgcactgaa 110

<210> 1098
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 1098
 tgagataaat caaagncaaa ttaaaggaga aagncaaaga gagagagaaa aagangcata 60
 ncggtaatga gtgagatcaa gaaagaaaaat ggagatgtaa agattttact gaaaagtggg 120
 aaggagaaac caaaancaaa tatagaagac ttacaaatta aaaaagttaa aa 172

<210> 1099
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 1099
 actgaagggtg tgagctctct gcttgcctgc ccagtcgctg tgcttgccctg ctgtgggtgcc 60
 tccctaccag gacagactct tgnctttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 1100
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1100
 aggaataaaa actgagcagg aggtgggtgga gggaatggat atctctactc gctocaaaga 60
 tcctgnctct acagagaaaa cggcccccga acggaagtgc cccagccctc cacattcctc 120
 caatggncat tcgcccgaag actcatccac gagccccatt aaaaaaaaaa 170

<210> 1101
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1101							
ggcgtgcatc	accaacaaac	antggaanna	ttttgganca	gctgaccac	tcaggaccta		60
aacatggcct	taggnnggtg	cncgtgccac	ccacgtccgn	atacccccac	agccctgnag		120
caaagggtgga	ggacatcagc	cgcacagact	gnctatatcc	acgtgggtct	caggcttaat		180
tgcagcccag	ggcagcagca	tggaccacag	ataccaacgt	ggcatcacag	accaccatgg		240
aggagggcct	cctctctggc	ctctgtcgtt	gactagagcc	aggggaagcc	tgtgtaaact		300
ccaggctg							308

<210> 1102
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1102							
gagtactgag	gtgtgagctc	tctgtttgct	gctccagtcg	ctgtgcttgc	ctgctgtggg		60
gcctccctac	caggacagac	tcttgtgctt	ttggaaccat	aagccaaata	aacccttcct		120
tccataaaaa	aaaaa						135

<210> 1103
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1103							
tggagcttgg	cttgaagaag	gaaataaaaac	ctggagcagg	aggtggtgga	gggaatggat		60
atctctactc	gctccaaaga	tcctgtctct	acagagaaaa	cggcccccga	acggaagttc		120
cccagccctc	cacattcctc	caatggccat	tgcgcccaag	actcatccac	gagccccatt		180
aaaaaaaaaa							190

<210> 1104
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 1104							
aactgagtgt	caggattgaa	tctggactct	gctgggtgtg	agcagttctg	tcatgtctcc		60
agcagagggc	gcattctgca	ttcttcagaa	cctcaagang	ctcaagtgtg	gcagaccntg		120
agaaactggg	ctaccctttg	aagaggagag	atgcagtctt	ttcagttcaa	ttaattttaa		180
gggtctatth	aaaaagccaa	aaaaaaaaaa					209

<210> 1105
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)

<223> n = A,T,C or G

<400> 1105
actgagcttg gctgaagagg aaataaaaact gagcaggagg tggnggaggg aatggatatc 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg ccccaggact catccacgag ccccatataa 180
aaaaaaa 187

<210> 1106
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1106
gactgagatc ctgtctctac agagtaaacg gccccgaacg gaagttcccc agccctncac 60
attcctccaa tggccattcg cccaagact catccacgag ccccatataa aaaaaa 117

<210> 1107
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1107
gacaactgcc ctgagctctc gcccctgccg agagtctgan cctgtcttcc tgagagatnn 60
ctgaatanac tgccancctg gcagcctgga atgactccan gcnccaagag tggaaaaaaa 120

<210> 1108
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 1108
actgccctga gtttctgcca cctgccgaga gtctgaacct gtcttcctga gagattcctg 60
aataaactgc cagcctggca gcctggantg actccaggca ccaagagtgg aaaaataaaa 120
a 121

<210> 1109
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1109
gactggactg gcagcctgnc tgcctgatat gacnncaggc accaagagtg gaactgacan 60

acntactgct aacggetctg gcgactant gctaacanng tggcancaaa acatcaagaa 120
gcctggngatg gcaggggatg ggcttcccc 150

<210> 1110
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1110
ctggagtgc tccaggcacc aagagtggaa ctggcnacnt actgctaacg gntctggcgn 60
actattgcta acaatgnggc aacanaccat cangaagcct ggcattggcag g 111

<210> 1111
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 1111
actgagagac aactgccctg agattntncc cctgccgaga gtctgaacct gtcttntctga 60
nagattcctg aataaaactgc cagcctggca gcctggatg actccaggca ccaagagtgg 120
aactggcgac ttactgctaa ccggctcttg cggactagtg ctaacantgn ggcnacaaaa 180
catcaagaag cctggcatgg caggggatgg gccttcccc 220

<210> 1112
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 1112
ggatctgccc tctgccgagg agtctgaacc tgtcttgctg agcagatncc tgantaaact 60
gccagcctgg ctgnctggaa tgactccagg caccaagagt ggaa 104

<210> 1113
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1113
tctgccacct gccgagtagt ctgaacctgn cttcntgaga gattcctgaa tnaactgcc 60
nctgncagc ctgnaatgac tccaggcacc aanagtggaa ctggctgact tactgntaac 120
ngctctggcg gactantgct aacaatgtgg caacaaa 157

<210> 1114

<211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 1114
 gactgagtga caactgccct gagcattctg cccctgccga gtagcctgaa cctgtcttcc 60
 tgagagattc ctgaataaac ngccagcctg gcagcctgga atgactccag gcaccaagag 120
 tgggaactggc gacttactgc taacggctct ggcggactag tgctaacaat gtggcaacaa 180
 aacatnaaga agcctggcat ggcaggggat gggcttcccc ctttat 226

<210> 1115
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 1115
 gactgagtga caactgccct gagatctgcc acctgccgag agcctgaacc tgtcttctctg 60
 agagattcct gaataaaactg ccagcctggc agcctggaat gactccaggc accaagagtg 120
 aaa 123

<210> 1116
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 1116
 caaaattgaa gaagcanaga caaaggagag agagaaaaag aagcataaag taatgagtga 60
 gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg agaaaccaa 120
 aacaaatata gaagacttac aaattaaaaa agt 153

<210> 1117
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 1117
 caaaggagag agagannaag aagcatcacag taatgagtga gatcaagaaa gaaaatggng 60
 atgtaaagat tttactgaaa agtgggaagg agaaaccaa aacaaatata gaagacttac 120
 aaattaaaaa agtaaaaa 138

<210> 1118
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)

<223> n = A,T,C or G

<400> 1118
ctaaaatcaa tgcacaaaat taatgcanaa agacaataga gagaagagaa aaagtangct 60
tnnnagtnct gagtgagatc aagaaagana atggagatgt aaagatttta ctgaaaagtg 120
ggaaggagaa accaaaatca attatagaag acttacctaa ttaaaaaagt 170

<210> 1119

<211> 164

<212> DNA

<213> Mus musculus

<400> 1119
agcctcgtgt caccttaaaa agaaagacaa agagagagag aaaaagaagc ataaagtaat 60
gagtgagatc aagaaagaaa atggagatgt aaagatttta ctgaaagggtg ggaaggagaa 120
acaaaaaaca aatatagaag acttacaat taaaaaagta aaaa 164

<210> 1120

<211> 180

<212> DNA

<213> Mus musculus

<400> 1120
actgagaaaa atcaaagaca aaattaaaga gaaagacaaa gagagagaga aaaagaagca 60
taaagtaatg agtgagatca agaaagaaaa tggagatgta aagattttac tgaaaagtgg 120
gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaaaaaaaa 180

<210> 1121

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 1121
cacaaactta aagagaaagc acaaagagag aagagaaaaa gaagcctang agtantgagt 60
gagatcaaga aagaaaatgg agatgtaaag attttactga aaagtgggaa ggagaaacca 120
aaaacaaata tagangactt acaaattaaa aaagtataaaa 160

<210> 1122

<211> 187

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(187)

<223> n = A,T,C or G

<400> 1122
gactgagata aaatcaaagn acanaattaa agnagcaaag acaaaggaga gagagaaaaa 60
gaagcataca gtaaatgagt gagatcaaga aaganaangg agatgtaaag attttactga 120
aaagtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaga 180
aaaaaaa 187

<210> 1123

<211> 182

<212> DNA

<213> Mus musculus

<400> 1123
 actgagataa aatcaaagac aaaatttaaag agaaagacaa agagagagag aaaaagaagc 60
 ataaagtaat gaggagatc aagaaagaaa atggagatgt aaagatttta ctgaaaagtg 120
 ggaaggagaa accaaaaaca aatatagaag acttacaaat tataaaaagta aggaaaaaaa 180
 aa 182

<210> 1124
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 1124
 gactgagatc ctgtctctac agagaaacgg ccccgaaacgg aagttcccca gccctccaca 60
 ttctctcaat gggccattcg cccaagact catccactga gcccattaa aaaaaaa 118

<210> 1125
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 1125
 cctgtctctc agagaaaacg gccccgaacg gaagttcccc agccctccac attcctccaa 60
 tggccattcg cccaagact catccacgag cccattaaa aaaaaaa 107

<210> 1126
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 1126
 aagacaaaat taaagagaaa gacaaagaga gagagaaaaa gaagcataaa gtaatgagtg 60
 agatcaagaa agaaaatgga gatgtaaaga ttttactgaa aagtgggaag gagaaaccaa 120
 aaacaaatat agaagactta caaattaaaa aagtaaagta aaaaaaa 167

<210> 1127
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 1127
 aaagaagcat aacagtnntg agtgagatca agaaagaaaa tggagatgta aagattttac 60
 tgaaaagtgg gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa 120
 agaagaaaaa a 131

<210> 1128
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 1128
 agcactgagg tctatcatcg ncttaattaa agagaaagac aaagcagtag gagagaagan 60
 nntncatnnc agtantgagt gagatcaaga aagaaaatgg agatgtaaag attttactga 120
 atagtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaga 180

agaaaaaa

188

<210> 1129
<211> 181
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

<400> 1129
ctgagataaa atcaaagaca aaattaaaga gaaagacaan gagagagaga aaaagaagca 60
taaagtaatg agtgagatca agaaagaaaa tggagatgta aagattttac tgaaaagtgg 120
gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaagaaaaa 180
a 181

<210> 1130
<211> 183
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 1130
gactgagata aaatcaaaga caaaattaaa gagtaaaggc aaagagagag agaaaaagaa 60
gcatanagta atgagtgaga tcaagaaaaga aaatggagat gtaaagattt tactgaaaag 120
tggaaggag aaaccaaaaa caaatataga agacttacaa attaaaaaag taaagaaaaa 180
aaa 183

<210> 1131
<211> 170
<212> DNA
<213> Mus musculus

<400> 1131
aaagacaaaa ttaaagagga aagacaaagc agcagagaga aaaagaagca taaagtaatg 60
agtgagatca agaaagaaaa tggagatgta cagattttac tgaaaagtgg gaaggagaaa 120
ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaaaaaaaa 170

<210> 1132
<211> 143
<212> DNA
<213> Mus musculus

<400> 1132
gaaagacaaa gagagagaga aaaagaagca taaagtaatg agtgagatca agaaagaaaa 60
tggagatgta aagattttac tgaaaagtgg gaaggagaaa ccaaaaacaa atatagaaga 120
cttacaaatt aaaaaagtaa aaa 143

<210> 1133
<211> 167
<212> DNA
<213> Mus musculus

<400> 1133
gagataaatc aaagacaaaa ttaaagagca aagacaaagc agagagagaa aaagaagcat 60
aaagtaatga gtgagatcaa gaaagaaaat ggagatgtaa agattttact gaaaagtggg 120
gaggagaaac caaaaacaaa tatagaagac ttacaaatta aaaaaaa 167

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<210> 1134
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1134
aatcaagaca aaattaaaga gaaagncaaa gagagagana aaaggaagca taaagtaatg      60
agtgaagatca agaaagaaaa tggagatgta aagatnttac tgaaaagtgg gaaggagaaa      120
ccaaaaacaa atatagaaga cttacaaatt aaaaaag      157

<210> 1135
<211> 176
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 1135
gactgagata aaatcaaaga caaaattaaa gagaaagaca aaggagagag agaaaaagaa      60
gcataaagta atgagtgaga tcaagaaaga aaatggagat gtaaagattt tinctgaaaag      120
tggaagaggag aaaccacaaaa caaatataga agacttacaa attaaaaaag taaaaa      176

<210> 1136
<211> 167
<212> DNA
<213> Mus musculus

<400> 1136
ataatcaaag acaaaattaa agagtaaaga caaagagaga gagaaaaaga agcataaagt      60
aatgagtgag atcaagaaag aaaatggaga tgtaaagatt ttactgaaaa gtgggaagga      120
gaaaccacaaa acaaatatag aagacttaca aattaaaaaa gtaaaaa      167

<210> 1137
<211> 183
<212> DNA
<213> Mus musculus

<400> 1137
gaactgagat aaaatcaaag acaaaattaa agagaaagac aaagagagag agaaaaagaa      60
gcataaagta atgagtgaga tcaagaaaga aaatggagat gtaaagattt tactgaaaag      120
tggaagaggag aaaccacaaaa caaatataga agacttacaa attaaaaaag tataaaaaaa      180
aaa      183

<210> 1138
<211> 183
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 1138
gactgagata aaatcaaaga caaaattaaa gagaaagact aagagagaga gaaaaagaag      60

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cataaagtaa	tgagtgagat	caagaaagaa	aatggagatg	taaagatttt	actgaaaagt	120
gggaaggaga	aaccaaaaac	aaatatagna	gncttacaaa	ttaaaaaagt	aaagaagaaa	180
aaa						183

<210> 1139
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 1139						
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tgancganat	caagaaagaa	antggagatg	taaagatttt	actgaaaagt	gggaaggaga	120
aaccaaaaac	aaatatagaa	gacttacaaa	ttaaaaaagt	aaaaa		165

<210> 1140
 <211> 185
 <212> DNA
 <213> Mus musculus

<400> 1140						
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agcataaaagt	aatgagtgag	atcaagaaag	aaaatggaga	tgtaaagatt	ttactgaaaa	120
gtgggaagga	gaaacccaaa	acaaatatag	aagacttaca	aattaaaaaa	gtaaagaaga	180
aaaaa						185

<210> 1141
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1141						
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catatagtna	tgagtgagat	cangaaagaa	aatggngatg	tgtagatttt	actgnnaagt	120
gggaaggaga	aaccncaaac	acatatanaa	gacttacaca	ttaaaaaaaa		170

<210> 1142
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1142						
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cattcctcca	atggccattc	gccccgaaga	ctcatccacg	agccccatta	a	111

<210> 1143
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1143
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 cccgagtccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
 gaagcaccat gaaactcttg tttgattaaa aaaaaaa 157

<210> 1144
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1144
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 1145
 <211> 201
 <212> DNA
 <213> Mus musculus

<400> 1145
 gtctggggag ctctgcatt aagtcagact gagataaaat caaagacaaa attaaagaga 60
 aagacaaaga gagagagaaa acgaagcata aagtaatgag tgagatcaag aaagaaaatg 120
 gagatgtaaa gattttactg aaaagtggga aggagaaacc aaaaacaaat atagaagact 180
 tacaaattaa aaaagtaaaa a 201

<210> 1146
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 1146
 gacgtctggg gagtcctgc attaatgacg actgagntag aatcanagac anaattaagg 60
 gcangncnna gnntatagag anaaagangc ataacgttnt gagtgagatc aagaatagaa 120
 aatggagatg taaagatttt actgagaagt gggaaggaga aacccaaaaac aaatatagaa 180
 gacttacaaa ttaaaaagta aagaagaaaa aa 212

<210> 1147
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 1147
 gacgtctggg gagtcctgc attaatgacg actgagntaa aatcaaagac aaaattaaag 60
 agaaagacaa agagagagag aaaaagaagc ataaagtaat gagtgagatc aagaaagaaa 120
 atggagatgt aaagatttta ctgaaaagta agttatatgt agtgaatgtt ttctacattg 180
 catactatcc tgtatattta ttagccaagc tgttaaaata agaagtgtta cttgatacca 240

atatttgcta agagtaatta tgctgtgagt gcagagcaag tccaggggtt ggaattgta 300
atctgcgtgg gactgtgct 319

<210> 1148
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 1148
ctaaatcaa agacaaaatt aaagagaaag acaaanagag agagnaaaag aagcataaag 60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1149
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 1149
aaagacaaag ttttgagaaa gacatccaga gagagannna gangcataga gnaatgagtg 60
agatcaagaa agaaaacgga gatgtaaaga ttttactgaa aagtgggaag gagaaaccaa 120
aaacaaatat agaagactta caaatt 146

<210> 1150
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 1150
ataaaatcaa agacaaaatt aaagagaaag acaanntaga gagagaaagg gaagcataaa 60
gtaatgagtg agatcaagaa aggaaatgga gatgtaaaga tttatactga aaagtgggaa 120
ggagaaacca aaaacaaata tagaagactt acaaatta 158

<210> 1151
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 1151
aaagacaagg agagagngga aangaagcat aaagtaatga gtgagatcaa ganagaaaat 60
ggagatgtan agatcttact gaaaagtggg aaggagaaac caaaaacaaa tataggagac 120
ttacaaatta aaaaagttaa ga 142

<210> 1152
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 1152	
gagaaagaca aagagngaga ganaggaagc ctnttgtaat gaggagatc aagaaagaaa	60
atggagatgt aaagatttta ctgaaaagtg ggaaggagaa accannntca aatatagaag	120
acttacaaat taaaaaagta gaaaaa	146

<210> 1153
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 1153	
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taatgagtga gatcaagaaa gaaaatggag atgtaaagat tttactgaaa aggtgggang	120
gagaaaccaa aaacaaatat naggagactt acaaatttaa aaaagta	167

<210> 1154
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 1154	
ataaatcaag acaagattaa agagaaagac aaagagagag agaaaaagaa gcataaagta	60
atgagtgaga tcaagaaaga aaatggagat gttaaagattt tactgaaaag tgggaaggag	120
aaaccaaaaa caaatataga agacttacaa attaaaaaag taaagaa	167

<210> 1155
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 1155	
tcaaagacaa aattaaagag aaagacaang agagagagaa anngangcat aaagtaatga	60
gtgagatcaa gaanganntt ggagatgtga agattttact gaaaagtggg aaggagaaac	120
caaaancana tatagaagac ttaca	145

<210> 1156
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)

<223> n = A,T,C or G

<400> 1156
aatcaaagac aaaattaang agaaagacaa agagagagag aagggangcg tnaagtantg 60
agtgagatca acanaganaa tggagatgta aagattttac tgaaaagtgg gaaggagaaa 120
ccaaaaacaa atatagaaga cttacaa 147

<210> 1157
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1157
gacaaagtga gagagaaaann ganacataaa gtaatgagtg agatcaagaa agannntgga 60
gatgtanaga ttttactgaa aagtgggaag gagaaaccaa aaaca 105

<210> 1158
<211> 168
<212> DNA
<213> Mus musculus

<400> 1158
ataaaatcaa agacaaaatt aaagagaaag acaaagagag agagaaaaag aagcaaaaag 60
taatgagtaa gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1159
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 1159
cataaaatca aagacaaaat taaagagaaa gacaaagaga gagagaaaaa gaagcataaa 60
gtaatgagtg agatcangaa agaaaangga gatgtaaaga ttttactgaa aagtgggaag 120
gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaa 167

<210> 1160
<211> 168
<212> DNA
<213> Mus musculus

<400> 1160
gtaaaatcaa agacaaaatt aaagaggaag acaaagagag agagaaaaag atgcataaag 60
taatgagtga gatcaagaaa gaaaatgggg atgtaaagat tttactgaaa agtgggaagg 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1161
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 1161

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agagagagaa	nangaagcat	aaagtaatga	gtgagatcaa	gaaagaaaat	ggagatgtaa	120
agattttact	gaaaagtggg	aaggagaaac	caaanacaaa	tatagaagac	ttacaaatta	180
aaaaagtaaa	aa					192

<210> 1162

<211> 175

<212> DNA

<213> Mus musculus

<400> 1162

taaaatcaaa	gacaaaatta	aagagaaaaga	caaagagaga	gagaaaaaga	agcataaagt	60
aatgagttag	atcaagaaag	aaaatggaga	tgtagagatt	ttactgaaaa	gtgggaagga	120
gaaacaaaaa	acaaatatag	aagacttaca	aattaaaaaa	gtaaagaaga	aaaaa	175

<210> 1163

<211> 154

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(154)

<223> n = A,T,C or G

<400> 1163

tctgggggagc	tcctgcatta	agtcagactg	aggtaaaatc	aaagacaaaa	ttaaagagaa	60
agacanagag	agagagaaaa	tgaagcataa	agtnatgagt	gagatcaaga	aagaaaatgg	120
agatgtaaag	attttactgc	aagtgggaag	gaga			154

<210> 1164

<211> 154

<212> DNA

<213> Mus musculus

<400> 1164

gcgaaatgac	aaagagagag	agaaaaagaa	gcataaagta	atgagtgaga	tcaagaaaga	60
aaatggagat	gtaaagattt	tactgaaaag	tggggaggag	aaacccaaaa	caaatataga	120
agacttacaa	attaaaaaag	taacagaaaa	aaaa			154

<210> 1165

<211> 201

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(201)

<223> n = A,T,C or G

<400> 1165

tctgggggagc	tcctgcattt	agtcagactg	agntaaaatc	aaagacaaaa	ttaaagagaa	60
agacaaagag	agagagaaaa	ngaagcataa	agtaatgagt	gagatcaaga	aagaaaatgg	120
agatgtaaag	attttacttg	aaaagtggga	aggagaaacc	aaaaacaaat	atagaagact	180
tacaaattaa	aaaagtaaaa	a				201

<210> 1166

<211> 175

<212> DNA

[illegible]

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<210> 1167
<211> 172
<212> DNA
<213> Mus musculus
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<400> 1167
aatcaagac aaaattaaag agaangacaa agagagagag aaaaaagaagc atagagtaat      60
nagtgagatc aagaaagaaa atggagatgt aaagattttta ctgaaaagtg ggaaggagaa      120
accaaaaaca aatataqaag acttactaan ttaaaagagt aaataaaaaa aa              172
```

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<220>  
<221> misc_feature  
<222> (1)...(199)  
<223> n = A,T,C or G
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<400>	1168						
gcgtctgggg	agctcctgca	ttagtcagac	tgaggtagan	tcaangtcan	aattaaagng		60
aatgacncag	agagagagaa	tngagaggcn	taatgtaatg	agtgagatca	anaaagaaaa		120
tgagatgtga	aagattttac	tngaaancgt	ggngangaga	aaccaaangc	aactatngta		180
agacttacaa	attacqaac						199

<210> 1169
<211> 160
<212> DNA
<213> Mus musculus

```
<400> 1169
ccttaagag aaagacaaag agagagagaa aaagaagcat aaagtaatga gtgagatcaa      60
gaaagaaaat ggggatgtaa agattttact gaaaagtggg aaggagaaac caaaaacaaa      120
tatagaagac ttacaaatta aaaaaataaa gaagaaaaaa      160
```

```
<210> 1170
<211> 185
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G
```

<400> 1170						
gtgacctcct	gcttaagtca	gactgagnna	aatcaangac	aaaattaaag	agaaagacaa	60
agagagagag	aaaangaagc	ntaaagtaat	gagtgaatc	aagaaagaaa	atggagatgt	120
aaagatttta	ctgaaaagtg	ggaaggagaa	acaaaaaca	aatatagaag	acttacaat	180
taaaa						185

<210> 1171
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1171
 ctggataaat caagacaaaa tttaaagagaa agacaaagag agagagaaaa agaagcataa 60
 agnaatgagt gagatcaaga aagaaaatgg agatgtaaag attctactga aaagtgggaa 120
 ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaaa 170

<210> 1172
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 1172
 ataaaatcaa agacaaaatt aaagagaaaag acaaagagag agagaaaaaag aagcataaag 60
 taatgagtga gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg 120
 agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1173
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 1173
 gacgtctggg gagctcctgc attaagtcag actgagataa aatcaaagcc acaattanng 60
 agacgacana gagngagaga anaganncat aaagtantga gtgagatcan gaaagaaaat 120
 ggagatgtaa agattttact gaaaagtggg aaggagaaac caaaaacaaa tatagaa 177

<210> 1174
 <211> 169
 <212> DNA
 <213> Mus musculus

<400> 1174
 ttaaaatcaa agacaaaatt aaagagaaaag acaaagagag agagaaaaaag aagcataaag 60
 taatgagtga gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg 120
 agaaaccaa aacaaatata gaagacttac aaattgaaaa agtaaaaaa 169

<210> 1175
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 1175
 gcttctgggg acctcctgct taagtcagac tgagcnaaaa tcaaagacaa aattaaagag 60
 aaagacaaag agagagagaa annngaagca taaagtaatg agtgagatca agaaagaaaa 120

tggagatgta aagattttgc tgaaaagtgg gagggagaaa ccaaaaacaa atatagaaga	180
cttacaaatt aaaaaagtaa aaa	203

<210> 1176
 <211> 172
 <212> DNA
 <213> Mus musculus

<400> 1176	
ttcccctgtg ccaccactct gggcctttta atgccaaagaa agaattcagc cgcagaagac	60
cttgggagatg gtggcggacg tgcagaatga tgcctggacc ttgccttaac catggacccc	120
gcccacccaa acccttcctg agcactaaag ttcgtggact gaaaaaaaaa aa	172

<210> 1177
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 1177	
gtctcagaag tcagaagagg tcagtcagct cccctgggtg agctggagct acaagcaact	60
gtgaaaacta ctctgcatat tactcttcaa aagcagtaac aag	103

<210> 1178
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1178	
tgagactgag cttggctgan gagaataaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc	120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta	180
aaaaaaaaa	189

<210> 1179
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)
 <223> n = A,T,C or G

<400> 1179	
gagaataaaa actgagcagg aggtggtgga ggaatggat atctctactc gctccaaaga	60
tctgtctct acagagaana cggccccgaa acggaagtcc cccagccctc cacattcctc	120
caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa	170

<210> 1180
 <211> 187
 <212> DNA
 <213> Mus musculus

<400> 1180	
agactgagct tggctgagag aataaaaact gagcaggagg tgggtggagg aatggatatc	60
tctactcgct ccaaagatcc tgtctctaca gagaaaaacg ccccgaaacg gaagtcccc	120
agccctccac attcctccaa tggccattcg ccccaagact catccacgag ccccatataa	180
aaaaaaa	187

<210> 1181
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1181
 gcacaccgca cagaattgcc aattcaggaa gtgttctgat tgggaatcca tatacccctg 60
 caccgcant ggctactcac actcacatag ctgangctgc tggcctgggt tcccagtgat 120
 ggaaaacgag ctagagaatt tatagactct ggttttt 157

<210> 1182
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1182
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 1183
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 1183
 gaacacacaa tacagcattc caagaaaacc ncntgctgtg aaggagcaag ataccacacg 60
 gactctngnn ttggacttgn agntttttca cagggctctca naancctcac acaggcttcn 120
 cggaccatgt ncnnncaatg ggaacaccnn acctcggaat ctgagcacag agcagcatgg 180
 cgggaaacta ttgactaca gctttctgta tcaggagaaa anggaganga gttctccttg 240
 cttgcacaaa gtgga 255

<210> 1184
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1184
 catatacccc tgcacccgca atggtcactc atactcacat anntgaggct gntgnctggg 60
 tctcccagng atanaaaacg agctagagaa tttatagact ctgatttttc a 111

<210> 1185
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 1185
 gactgagtga gaaagganag tgcaaagctg tgtccatttt cctccattct gtgatgttcc 60
 ctggaatcac tgcttcagta aacttaactg tgagtagata tacgctgagt catcaaagtc 120
 cccaaactga atccccaaac ttaagcatgg ccttggggac ctccaacccc cccactgcaa 180
 tgagaaatgt actttgtggg acaggatgag ggaagaatac atgacaatca aattcctttt 240
 aaaaaaaaaa a 251

<210> 1186
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 1186
 ttagtacacg ggtccacaat accctttttcc tattaaacct tctttaccgc ctacttntgg 60
 ttggaggntt agaaggagg ttgaagnaga caacaaancc tcaataacgt ggtctnagtg 120
 naaaganaag acaaaanttg gcaagctcat cattacattg ggtaagaaac acaagagaag 180
 gaacgagtc tccgatgagc tgccgatgcc gagca 215

<210> 1187
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 1187
 gactgagctc caggaggaga ctggtaaaca gcgtgagaat gatcgggact ggggacactg 60
 cagatgtttt ctgttccgng tcttgttttg ctgaaagcgg nttacacagn cactctctcc 120
 tagtcttttc ccaggcagac agaacacagg ggactggcca tgttcctccc cccaccccca 180
 cccgccatgc atccttcagt ttgactctgn catctattgc ttgaatgatt aaagcgaat 240
 cagataaaaa aaaa 254

<210> 1188
 <211> 519
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(519)
 <223> n = A,T,C or G

<400> 1188
 aagtactgag gccctaccac ttgggtctggc cctgctccag cttgacaata gcaagaaagc 60
 ttccggcagga agatgaggga gaagcgtcat ctccagaaggc ccctgaaggc ctccacaggaa 120
 catgactcag gccgtgactg caccgccagca cttcgggagg cccacagctt gctgactcag 180
 gctctctcca cccaggctct aattttccagg gcctcgagga agagttcccc agggagacaa 240
 tgctcctcac aggaagtngg acaagcaagg aagcagagcc ttcgccccctc cagctgactg 300
 agaaggctga gcatggcttg gcctgcgttc ccattagcaa acaaggacac aggggcttcc 360
 ctgaaacaca tcatcatccc agagcagaga caaaggactg ccccgatag agaggagacc 420
 ttctaggtcc atagacaaat ggctgtttat aaaggtaaaa ggggaaaccc tgtgttagga 480

tgaggtgttn aattttaatt ggacatgtta cttaggtac

519

<210> 1189

<211> 288

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 1189

gactgagcgc	tgcaagtagc	cctgtgtttt	catctgggta	tggccactcc	tgtgagactg	60
agctccatgg	cccaggaccc	ctaaacacag	gcttgtcttc	ctcgagata	gacagccatc	120
ttggacttcc	caaaccgctg	catactttcc	ctccggagaa	gccagggctc	ttgtgggtgg	180
tgtcccccnn	tcccaaaca	cccctttaat	aactgtttac	aacttttaaa	aatcagcttt	240
gagataatga	gatacacttt	aagtaaaaaat	acacttcaac	catctaaa		288

<210> 1190

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 1190

gaactgaggc	tgagagagng	gntcaacggt	taagggtgcc	anctgntctt	ntgaagggtc	60
tgagttcang	tcccagnenc	cacatgatcg	ggtcacaaca	at		102

<210> 1191

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 1191

ttactttttg	tggaactctc	aaagggtcga	caggagacat	ggagtggntc	catatatcta	60
ntgcctcgac	ntngatncaa	ttngagctcg	ctgccctgca	gancgnngtt	cctattctga	120
antnccatt	gtgtnacaaa	ttntaaggan	cttgtngacc	tgcaggcntt	gcaagctaca	180
ggagggctcg	acggtttgag					200

<210> 1192

<211> 539

<212> DNA

<213> Mus musculus

<400> 1192

actgaggtgt	gagactacgc	tgcacaaaga	ccccagctct	ggaagcggaa	gacttcctga	60
agtcttcaca	aagacagcac	ttctcaaaga	aaggaatgga	acagctttgc	tccctggcct	120
cctggctggg	acctgcatca	ggactgatac	cggttgagga	tagtggttac	cagtcacogg	180
tgttgccctta	caagtcctac	ggcaactgtt	actgtctttg	tgtttctgtc	accccagggt	240
tgtctgtata	ctgcacacag	aagctccatc	aaacctgaa	aacctgactg	actgactcca	300
ggctgacttt	acaaggggtga	gcagctgtat	aaggtgatgc	tggccgcctt	gtcagctcct	360
ggagttacag	tagacttttt	tctttcaggc	caggctgatc	ttgacctaca	aggccttctg	420
cttcaacctc	tgaagtgtgt	ggaattatag	gtgtgtgcc	ccacaccag	cctgtatttg	480

ggtttgaacc cccatgatca cccatcatct cagtctacct agaatgccag cgtctccca 539

<210> 1193
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1193
gcacttggca ctcactctta accagcactg gggatcttac tggctcctggg gcccccgacc 60
tccnntnttg gccgggtgga cacaggcgct ctaacaccgg atggngaggc tccacttgag 120
gac 123

<210> 1194
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 1194
tgaggctgaa ctcacaggaa tcaaattggct gtaggtacaa ttttggaggg cacgggggact 60
gtggacccat aatttcagcc ccagcccaag atgatccaat cctgttaagt ttcattccgct 120
gtctgcaagc caacctgctg tgtgtatggc gtcgtgatgt caagccagat tgcaaagagc 180
tctggatatt ctgggtggga gatnaccna cctnanggga nnaannnnntt atnaactngn 240
nggnaaggat ttttantttt tttaaaanan attnatatnn nnttntgctg ccgccaccta 300
atgtnnnntg cttgcctgcn ttcctttcat gtgagatgac cacagctggc ctccagcctc 360
cata 364

<210> 1195
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1195
tacaccgga acagatctgn ggcnnngcatc aggcgcgcga tgtactccat gcannccctcc 60
tcttccatac agtatctgga tgtatggctt gaagagtga cctgaactgg cacatncggc 120
aaanaacagc acctgntacc tccagattcc aggcgcttcc cacaccaccc aagcgaggaa 180
gcctttnaag gggaggattc tgagcctcag agagtcattg cacacgcaca cgcacacgca 240
cacacacaaa atcccgtaac caggaacaag gagatctgga gaaggccacc ctccggatca 300
tttggtttgc gactgtcaag atatctgaga ttggggggga gggat 346

<210> 1196
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<223> n = A,T,C or G

<400> 1200

tcagcacctg	cccaccagta	atggaaactna	ctcnaagcat	acagngegtc	ctctcttgnt	60
catggccagg	nngcaagacg	cagnacaac	gcctgatgnc	agatgccggg	nttnagnana	120
ccnagcnntg	ccnagaggcc	tggcctccgn	gcacagggat	gagancaaag	agaacgactg	180
ggactggcc						189

<210> 1201

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 1201

tactgagcct	atatgaaaac	atctttaata	tggactggag	tgatgggtta	gtgggaagat	60
cacctgccat	gcaagcacga	aggctggagt	tttgaccac	agaatgcagt	ctgtaacga	120
gagtctctgg	aagctcgtgg	gccgggtgta	tgaagtgggtg	acgagatcct	gtcttaaac	180
agntagaagg	taagggtaga	caccagaggt	tgctctttga	cctctataca	catgcgggtg	240
cacatggaca	actgtacaca	cataaacaca	aacatattaa	catacacaaa	tattaaataa	300
agatgtggga	gaatgaaaaa	aaaa				324

<210> 1202

<211> 515

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(515)

<223> n = A,T,C or G

<400> 1202

attactgatg	aacggtactc	cacgttatcg	ccagcatcgc	cctcacctcn	acgtgggact	60
cgccgaagga	tgcccaccat	cccangagga	tctngccaac	cctcacaaag	cggnagcaan	120
anccnccgca	caccgcgcgc	tncagcaaag	agganaatcn	attcatactg	aggtnatcnc	180
nacagagnat	ttgcttggn	cgccaatatc	ccnccgttct	tctgctcctc	cgtattaang	240
cannacttta	gnnggggagt	cccacttggtg	catacccttc	ttnacactca	ggngcagctt	300
ttgctagccg	gngcaaacct	cacagccagg	gggaggccct	tgtggacatn	ttctccttca	360
nnctgctttg	atntcctctg	gangnanggc	caaggtncca	agccttntna	ntttctccac	420
cctaaaantt	tttagcacgt	tccctgtatt	gacaccctgt	tactcggnaa	nanaangctc	480
ttnccttaca	ctgcctccaa	ccctacagac	cacct			515

<210> 1203

<211> 338

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 1203

gactgagggtg	gggtctttcc	cctggcttcc	tctgctgggc	ctcacctcct	tgctgacact	60
gaagaagcaa	aagaattgag	aaatctgggg	cagctgtgng	aatgcacact	gctgaggagg	120
agcagcccct	ggtaacttgg	caagctggta	gctcgctcgc	tcgctcagcc	gaatgggctg	180
aatgagtggg	ccagagcctg	agcgtgagcc	ggagcccagg	gtgcccatgg	gtatcaccca	240
gccagaggta	aaagggcctg	gatgtctggg	agggtgggana	aaggttagta	gattcaanag	300

gccaatgcct nactttgggc caaaaagaaa tacattgg

338

<210> 1204
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 1204
gactgaggtg ctgctgtctg gactcattgg tgttgtttcc tggaagaggc ctctctcgtc 60
tgtgattacc tncctnatgc tgttntcgnc agtgngcnng atgctcaacc tggccggatc 120
naccctctcc tgcagaaacg gccagntng gtcantncc tcaaaggcta gccagtngat 180
naagtgtga cagtngtgga ggtntngcgt atagnngtcn agctgnanna ccactnattc 240
ggatgcagga actctcgggg agacactgaa gcttgaaccc actagcagga aaactgtaac 300
gctgtgcggc tgacct 316

<210> 1205
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 1205
gcctcgggc tcccctccaa acctgcggtt tcacctggat gcacagggac aggtgctgca 60
gaaacctggg atcacttgac atcgggtggg accaccaca cagccacaca gaccttctac 120
ttcctggtac ctccagaggc tgaggtgggc acctttctcc aggcaaaaaga gaaccagag 180
ttagcgggan gtggaggcag aatgacttta at 212

<210> 1206
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 1206
gatctgtgtt gaccangtc ttgngggagc aaaagcatgg gtaggagtga cgacgnngn 60
ganagcttg anaagagatn tcagacttac cttggntnag cgnnacaaat tattggctta 120
tatgaagaaa tggggagagt c 141

<210> 1207
<211> 407
<212> DNA
<213> Mus musculus

<400> 1207
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tgacaccaa gtggagcact gtgacagcca gtggaccact gtgacataac agtggagtac 300
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407

<210> 1208

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 1208

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naaccttngg	gccaananat	agncgatacg	ctggacccca	aatgattata	nancncacgc	180
ncttgagaat	tgccaattca	ggaagtgttg	ttgantgnga	atccatatac	nnctgcaccc	240
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<210> 1209

<211> 104

<212> DNA

<213> Mus musculus

<220>

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<223> n = A,T,C or G

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